Form 3160-3
(July 1992)

FORM APPROVED
OMB NO. 1040-0136
Expires: February 28, 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

TYPE OF WORK: DRILL ☑ DEEPEN ☐	5. LEASE DESIGNATION AND SERIAL NO.: UTU-10164
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE TRIBE
	7. UNIT AGREEMENT NAME: N/A
TYPE OF WELL: ☐ OIL WELL ☑ GAS WELL ☐ OTHER — SINGLE ZONE ☑ MULTIPLE ZONE ☐	8. FARM OR LEASE NAME, WELL NO.: FR 4P-21-14-20
2. NAME OF OPERATOR: QUESTAR EXPLORATION & PRODUCTION, CO. — Contact: Jan Nelson, E-Mail: jan.nelson@questar.com	9.API NUMBER: 43-047-39811
3. ADDRESS: 11002 East 17500 South Vernal, Utah 84078 — Telphone number: *Phone 435-781-4331 Fax 435-781-4329*	10. FIELD AND POOL, OR WILDCAT: UNDESIGNATED
4. LOCATION OF WELL (Report location clearly and in accordance with and State requirements*) At Surface 612490X 850' FNL 510' FWL, NWNW, Section 21, T14S, R20E At proposed production zone 43828354 39.589747 -109.690032	11. SEC.,T, R, M, OR BLK & SURVEY OR AREA: SEC. 21, T14S, R20E Mer SLB
14. DISTANCE IN MILES FROM NEAREST TOWN OR POSTOFFICE*: 52+ / - MILES FROM OURAY, UTAH	12. COUNTY OR PARISH: Uintah — 13. STATE: UT
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (also to nearest drig,unit line if any): 510' +/-	16.NO.OF ACRES IN LEASE: 1760.00 — 17. NO. OF ACRES ASSIGNED TO THIS WELL: 40
18.DISTANCE FROM PROPOSED location to nearest well, drilling, completed, applied for, on this lease, ft: 4,700' +/-	19. PROPOSED DEPTH: 12,325' — 20. BLM/BIA Bond No. on file: ESB000024
21. ELEVATIONS (Show whether DF, RT, GR, ect.): 7002.2' GR	22. DATE WORK WILL START: ASAP — 23. Estimated duration: 20 Days
24. Attachments	

The following,completed in accordance with the requirments of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan
3. A surface Use Plan (if location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an exisiting bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

SIGNED Jan Nelson — Name (printed/typed) Jan Nelson — DATE 12/03/2007

TITLE Regulatory Affairs

(This space for Federal or State office use)

PERMIT NO. 43-047-39811 — APPROVAL DATE

Application approval does not warrant or certify the applicant holds any legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY — TITLE BRADLEY G. HILL ENVIRONMENTAL MANAGER — DATE 12-17-07

*See Instructions On Reverse Side

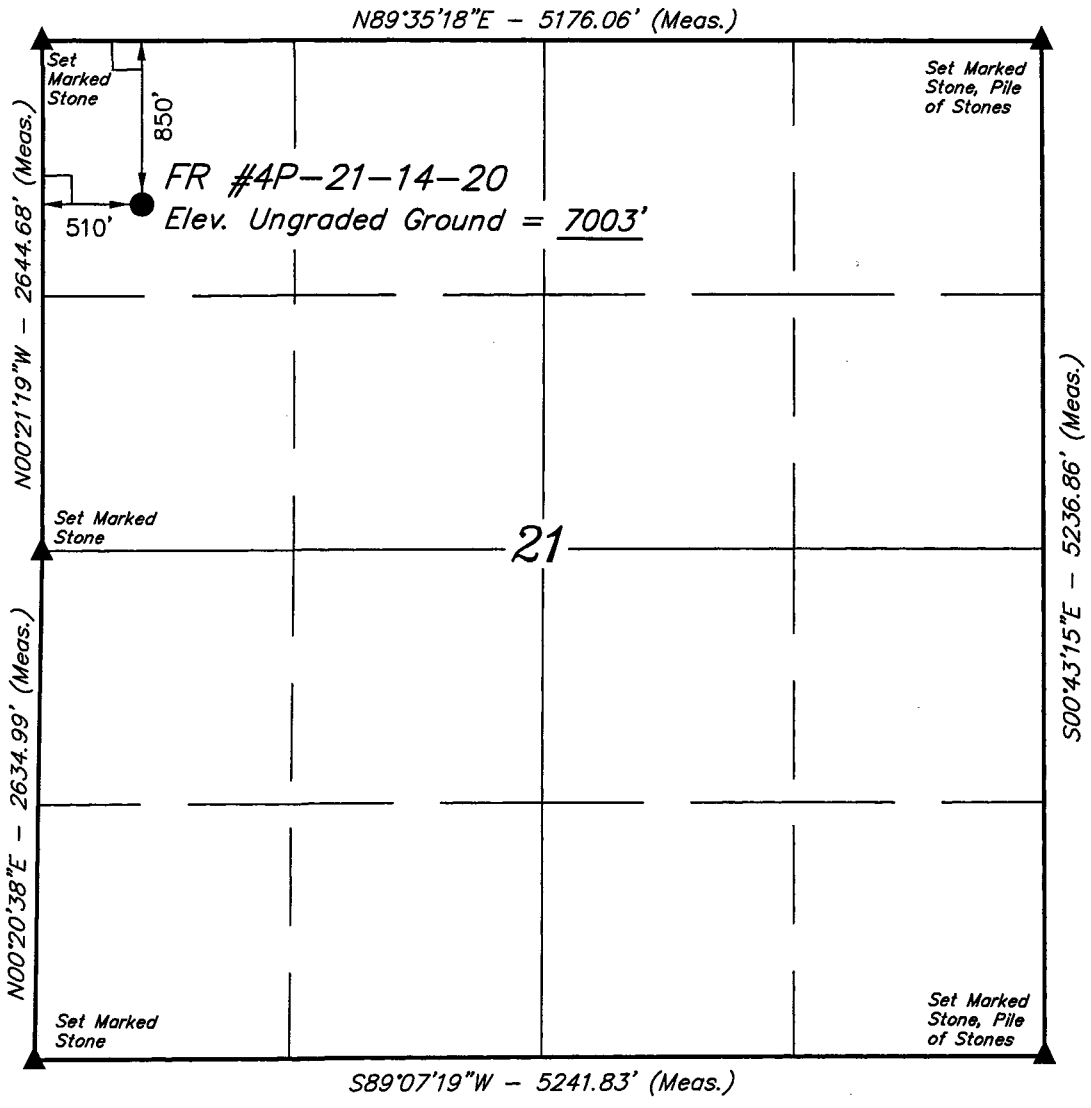
Title 18 U.S.C Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

Federal Approval of this Action is Necessary

RECEIVED
DEC 05 2007
DIV. OF OIL, GAS & MINING

CONFIDENTIAL

T14S, R20E, S.L.B.&M.



QUESTAR EXPLR. & PROD.

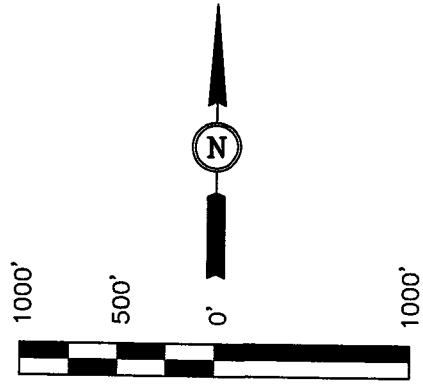
Well location, FR #4P-21-14-20, located as shown in the NW 1/4 NW 1/4 of Section 21, T14S, R20E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK (59 WF) LOCATED IN THE NW 1/4 OF SECTION 10, T15S, R20E, S.L.B.&M., TAKEN FROM THE FLAT ROCK MESA QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7449 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

LEGEND:

- └ = 90° SYMBOL
- ● = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground)

(AUTONOMOUS NAD 83)
LATITUDE = 39°35'23.06" (39.589739)
LONGITUDE = 109°41'26.65" (109.690736)
(AUTONOMOUS NAD 27)
LATITUDE = 39°35'23.19" (39.589775)
LONGITUDE = 109°41'24.16" (109.690044)

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST – VERNAL, UTAH 84078
(435) 789-1017

SCALE: 1" = 1000'	DATE SURVEYED: 08-02-07	DATE DRAWN: 08-06-07
PARTY: J.W. Q.B. L.K.	REFERENCES: G.L.O. PLAT	
WEATHER: HOT	FILE: QUESTAR EXPLR. & PROD.	

Additional Operator Remarks

Questar Explor. & Prod. Co. proposes to drill a well to 12,325' to test the Wingate. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements"

Please see Onshore Oil & Gas Order NO. 1

Please be advised that Questar Explor. & Prod. Co. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No.ESB000024. The principal is Questar Explor. & Prod. Co. via surety as consent as provided for the 43 CFR 3104.2.

ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Formation Tops

The estimated tops of important geologic markers are as follows:

Formation	TVD	MD	Prod. Phase Anticipated
Green River	Sfc	Sfc	
Wasatch	2339	2339	
Mesa Verde	4332	4332	Gas
Castlegate	6360	6360	
Mancos	7120	7120	
Dakota Silt	10,709	10,709	
Dakota	10,745	10,745	Gas
Cedar Mountain	10,880	10,880	
Morrison	11,075	11,075	
Curtis	11,627	11,627	
Entrada	11,725	11,725	Gas
Carmel	12,043	12,043	
Wingate	12,213	12,213	Gas
TD	12,325	12,325	

2. Anticipated Depths of Oil Gas Water and Other Mineral Bearing Zones

The estimated depths at which the top and bottom of the anticipated water, oil, gas. Or other mineral bearing formations are expected to be encountered are as follows:

Substance	Formation	TVD Depth	MD Depth
Gas	Mesaverde	4,332'	4,332'
Gas	Dakota	10,745'	10,745'
Gas	Entrada	11,725'	11,725'
Gas	Wingate	12,213	12,213'

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If no flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Willow Creek water right #49-2183 / Permit# T75500.

All waste water resulting from drilling operations will be disposed of at RNI disposal pit located in NWNE Section 5, T9S, R22E.

3. Operator's Specification for Pressure Control Equipment:

A. 5,000 psi W.P. Double Gate BOP or Single Gate BOP (schematic attached)

B. Functional test daily

C. All casing strings shall be pressure tested (0.2 psi/foot or 1500 psi, or 70 % of burst whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield pressure of the casing.

D. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 5M system and individual components shall be operable as designed.

4. Casing Program

	Depth	Hole Size	Csg Size	Type	Weight
Surface	500'	14-3/4"	10-3/4"	J-55	40.5lb/ft (new)
Intermediate	3600'	9-7/8"	7 5/8"	P-110	29.7lb/ft (new)
Production	TD	6 ½"	4 ½"	P-110	13.5lb/ft(new)

5. Auxiliary Equipment

A. Kelly Cock – yes

B. Float at the bit – no

C. Monitoring equipment on the mud system – visually

D. Full opening safety valve on the rig floor – yes

E. Rotating Head – yes

If drilling with air the following will be used:

F. The blooie line shall be at least 6" in diameter and extend at least 100' from the well bore into the reserve/blooie pit.

G. Blooie line ignition shall be provided by a continuous pilot (ignited when drilling below 500').

H. Compressor shall be tied directly to the blooie line through a manifold.

I. A mister with a continuous stream of water shall be installed near the end of the blooie lines for dust suppression.

Surface hole will be drilled with air, air/mist, foam, or mud depending on hole conditions. Drilling below surface casing will be with water based drilling fluids consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash and polymers. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used, oil concentration will be less than 4% by volume. Maximum anticipated mud weight is 9.5 ppg.

No minimum quantity of weight material will be required to be kept on location.

PVT/Flow Show will be used from base of surface casing to TD.

Gas detector will be used from surface casing depth to TD.

6. Testing, logging and coring program

A. Cores – none anticipated

B. DST – none anticipated

Logging – Mud logging – 3600 to TD
GR-SP-Induction
Neutron Density
FMI

C. Formation and Completion Interval: Wingate interval, final determination of completion will be made by analysis of logs.
Stimulation – Stimulation will be designed for the particular area of interest as encountered.

7. Cementing Program

See attached Cementing Recommendation.

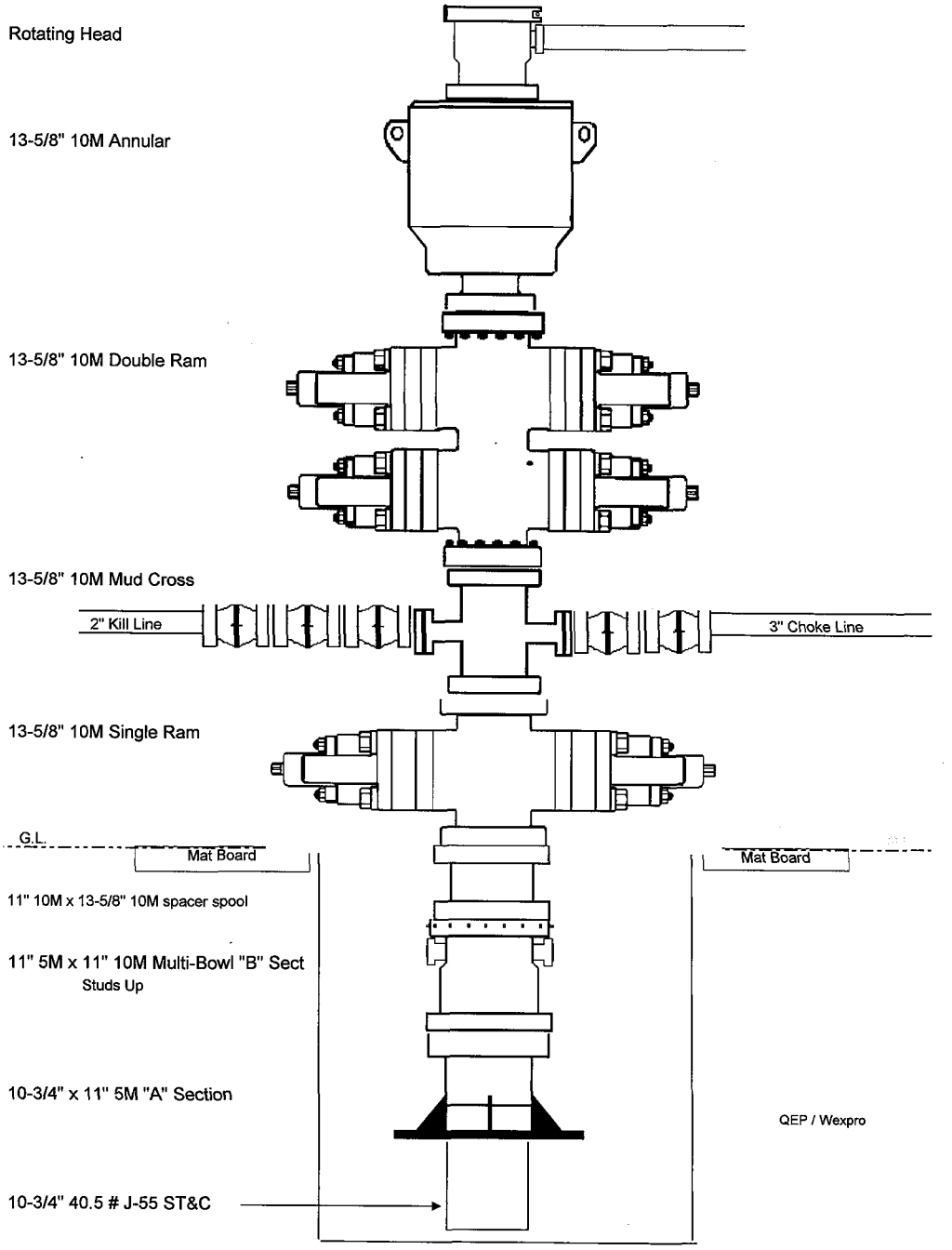
*Final cement volumes to be calculated from caliper log with an attempt to be made to circulate cement to the surface. A bond log will be run across the zone of interest and across zones as required by the authorized officer to insure protection of natural resources.

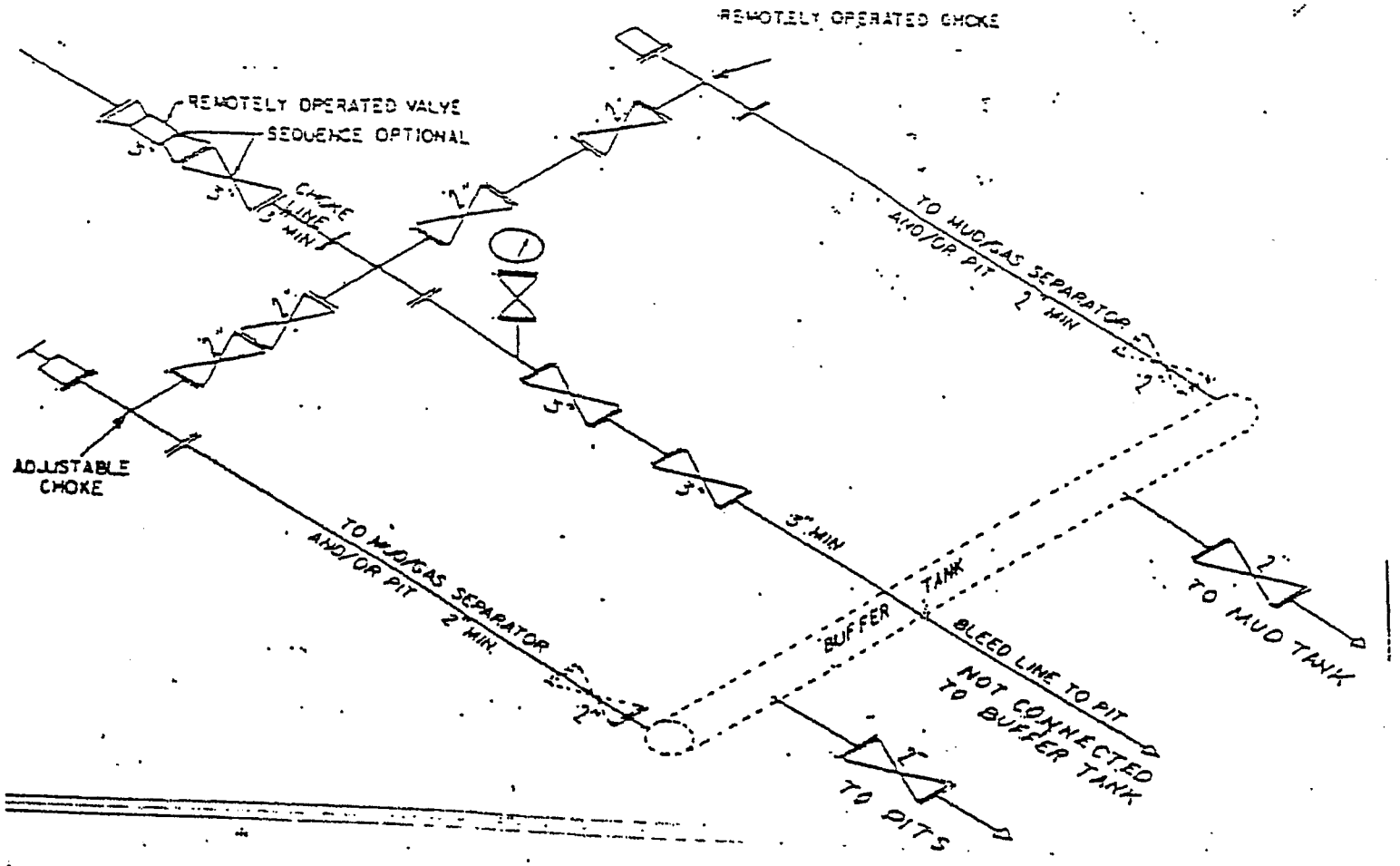
8. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards

No abnormal temperatures or pressures are anticipated. No H2S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 5522 psi. Maximum anticipated bottom hole temperature is 220° F.

9. Surface Owner
The well pad and access road are located on lands owned by the Ute Tribe.

BOP Requirements:

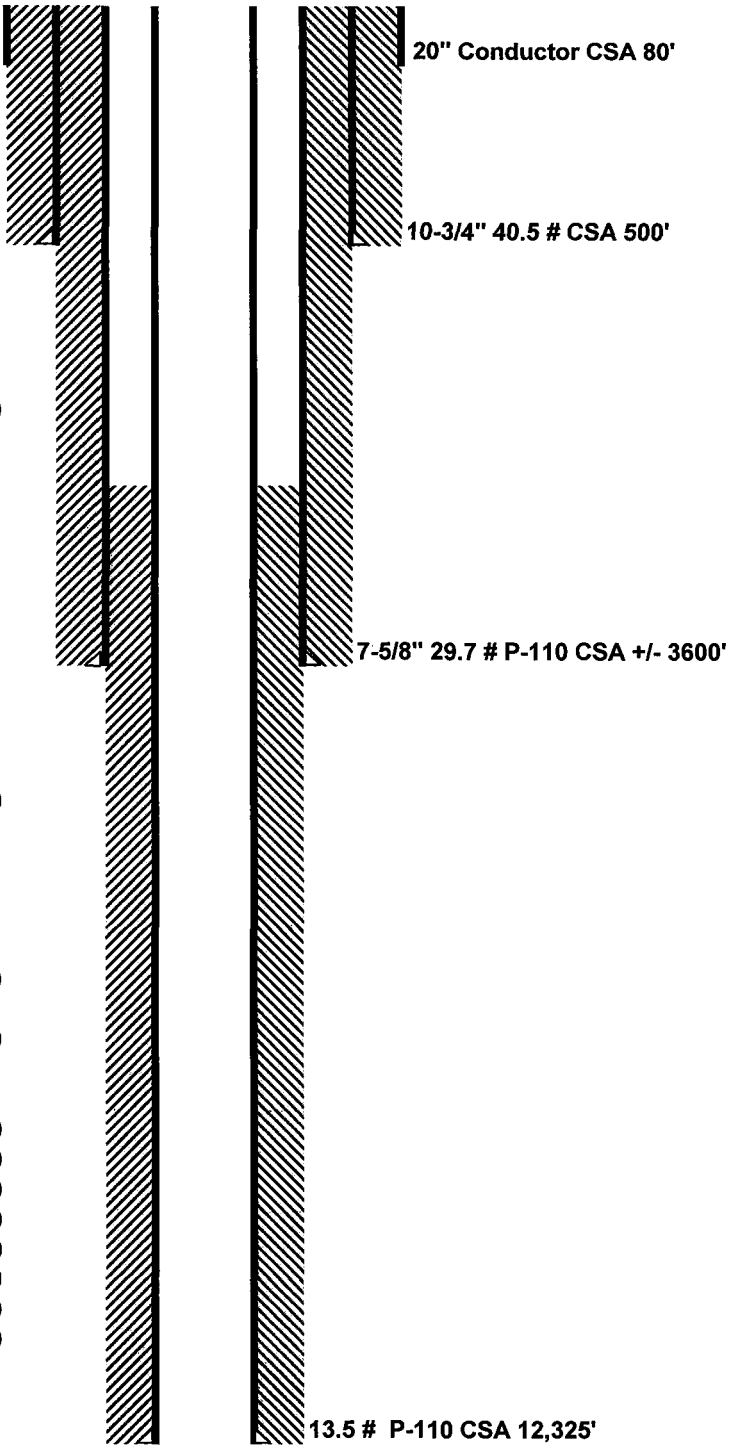




(2) 5M CHOKE MANIFOLD EQUIPMENT — CONFIGURATION OF CHOKES MAY VARY

[FR Doc. 88-25738 Filed 11-17-88; 8:45 am]
BILLING CODE 4310-MC

Flat Rock 4P-21-14-20



Wasatch	2339.00
Mesaverde	4332.00
Castlegate	6360.00
Mancos	7120.00
Dakota Silt	10709.00
Dakota	10745.00
Cedar Mountain	10880.00
Morrison	11075.00
Curtis	11627.00
Entrada	11725.00
Carmel	12043.00
Wingate	12213.00

Q E P E-bill
1050 17th Street, Ste 500-do Not Ma
Denver, Colorado 80265

FR 4P-21-14-20
Flat Rock Field
Uintah County, Utah
United States of America

Multi-String Cementing Recommendation

Prepared for: Mr. Jim Davidson
Office Number: 303-308-3090
November 19, 2007
Version: 146981-1

Submitted by:
Aaron James
Halliburton
1125 17th St Suite 1900
Denver, Colorado 80202
303-899-4717

HALLIBURTON

Halliburton appreciates the opportunity to present this proposal and looks forward to being of service to you.

Foreword

Enclosed is our recommended procedure for cementing the casing strings in the referenced well. The information in this proposal includes well data, calculations, materials requirements, and cost estimates. This proposal is based on information from our field personnel and previous cementing services in the area.

Halliburton Energy Services recognizes the importance of meeting society's needs for health, safety, and protection of the environment. It is our intention to proactively work with employees, customers, the public, governments, and others to use natural resources in an environmentally sound manner while protecting the health, safety, and environmental processes while supplying high quality products and services to our customers.

We appreciate the opportunity to present this proposal for your consideration and we look forward to being of service to you. Our Services for your well will be coordinated through the Service Center listed below. If you require any additional information or additional designs, please feel free to contact myself or our field representative listed below.

Remember the Basics of Cementing:

-Annular Energy	*-Mud Properties (PV, YP, FL, GS)*
-Spacers / Flushes	*-Pipe Centralization*
-Plug System	*-Communication*

Prepared by: _____
Sally Kroger
Procedure Analyst

Submitted by: _____
Aaron James
Technical Advisor

SERVICE CENTER:	Vernal. UT
SERVICE COORDINATOR:	Corey Reynolds
CEMENT ENGINEERS:	Chris Cicirello
	Tyler Anderson
	Sean Jones
PHONE NUMBER:	435-789-2550

Cementing Best Practices

1. Cement quality and weight: You must choose a cement slurry that is designed to solve the problems specific to each casing string.

2. Waiting time: You must hold the cement slurry in place and under pressure until it reaches its' initial set without disturbing it. A cement slurry is a time-dependent liquid and must be allowed to undergo a hydration reaction to produce a competent cement sheath. A fresh cement slurry can be worked (thickening or pump time) as long as it is in a plastic state and before going through its' transition phase. If the cement slurry is not allowed to transition without being disturbed, it may be subjected to changes in density, dilution, settling, water separation, and gas cutting that may lead to a lack of zonal isolation and possible bridging in the annulus.

3. Pipe movement: Pipe movement may be one of the single most influential factors in mud removal. Reciprocation and/or rotation mechanically breaks up gelled mud and changes the flow patterns in the annulus to improve displacement efficiency.

4. Mud properties (for cementing):

Rheology:

Plastic Viscosity (PV) < 15 centipoise (cp)
Yield Point (YP) < 10 lb/100 ft2
These properties should be reviewed with the Mud Engineer, Drilling Engineer, and Company Representative(s) to ensure no hole problems are created.

Gel Strength:

The 10-second/10-minute gel strength values should be such that the 10-second and 10-minute readings are close together or flat (i.e., 5/6). The 30-minute reading should be less than 20 lb/100 ft². Sufficient shear stress may not be achieved on a primary cement job to remove mud left in the hole if the mud were to develop more than 25 lb/100 ft² of gel strength.

Fluid Loss:

Decreasing the filtrate loss into a permeable zone enhances the creation of a thin, competent filter cake. A thin, competent filter cake created by a low fluid loss mud system is desirable over a thick, partially gelled filter cake. A mud system created with a low fluid loss will be more easily displaced. The fluid loss value should be < 15 cc's (ideal would be 5 cc's).

5. Circulation: Prior to cementing circulate full hole volume twice, or until well conditioned mud is being returned to the surface. There should be no cutting in the mud returns. An annular velocity of 260 feet per minute is optimum (SPE/IADC 18617), if possible.

6. Flow rate: Turbulent flow is the most desirable flow regime for mud removal. If turbulence cannot be achieved pump at as high a flow rate that can practically and safely be used to create the maximum flow energy. The highest mud removal is achieved when the maximum flow energy is obtained.

7. Pipe Centralization: The Cement will take the path of least resistance, therefore proper centralization is important to help prevent the casing from contacting the borehole wall. A minimum standoff of 70% should be targeted for optimum displacement efficiency.

8. Rat hole: A weighted viscous pill placed in the rat hole prior to cementing will minimize the risk of higher density cement mixing with lower density mud when the well is static.

9. Top and Bottom plugs: A top and bottom plug are recommended to be run on all primary casing jobs. The bottom plug should be run after the spacer and ahead of the first cement slurry.

10. Spacers and flushes: Spacers and/or flushes should be used to prevent contamination between the cement slurry and the drilling fluid. They are also used to clean the wellbore and aid with bonding. To determine the volume, either a minimum of 10 minutes contact time or 1000 ft. of annular fill, whichever is greater, is recommended.

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14-3/4" Surface Open Hole		0 - 500 ft (MD)
		0 - 500 ft (TVD)
	Inner Diameter	14.750 in
	Job Excess	100 %
10-3/4" Surface Casing		0 - 500 ft (MD)
		0 - 500 ft (TVD)
	Outer Diameter	10.750 in
	Inner Diameter	10.050 in
	Linear Weight	40.50 lbm/ft
	Casing Grade	J-55
Mud Type		Air

Spacer:

Total Spacer	= 112.29 ft^3
	= 20.00 bbl

Cement : (500.00 ft fill)

500.00 ft * 0.5563 ft^3/ft * 100 %	= 556.32 ft^3
Total Primary Cement	= 556.32 ft^3
	= 99.09 bbl
Sacks of Cement	= 321 sks

Shoe Joint Volume: (42.00 ft fill)

42.00 ft * 0.5509 ft^3/ft	= 23.14 ft^3
	= 4.12 bbl
Tail plus shoe joint	= 579.46 ft^3
	= 103.21 bbl

Total Pipe Capacity:

500.00 ft * 0.5509 ft^3/ft	= 275.44 ft^3
	= 49.06 bbl

Displacement Volume to Shoe Joint:

Capacity of Pipe - Shoe Joint	= 49.06 bbl - 4.12 bbl
	= 44.94 bbl

Fluid Instructions
Fluid 1: Water Based Spacer
Gel Water

Fluid Density:	8.34 lbm/gal
Fluid Volume:	20 bbl

Fluid 2: Primary Cement
VARICEM CEMENT
0.3 % D-AIR 3000 (Additive Material)
0.25 lbm/sk Kwik Seal (Lost Circulation Additive)
0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)

Fluid Weight	13.50 lbm/gal
Slurry Yield:	1.80 ft^3/sk
Total Mixing Fluid:	9.34 Gal/sk
Top of Fluid:	0 ft
Calculated Fill:	500 ft
Volume:	103.21 bbl
Calculated Sacks:	321.21 sks
Proposed Sacks:	325 sks

Fluid 3: Water Spacer
Water Displacement

Fluid Density:	8.34 lbm/gal
Fluid Volume:	44.94 bbl

Fluid 4: Top Out Cement
Premium Plus - Type III
94 lbm/sk Premium Plus - Type III (Cement-api)
2 % Calcium Chloride (Accelerator)

Fluid Weight	14.50 lbm/gal
Slurry Yield:	1.41 ft^3/sk
Total Mixing Fluid:	6.86 Gal/sk
Proposed Sacks:	200 sks

Detailed Pumping Schedule

Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Estimated Avg Rate bbl/min	Downhole Volume
1	Spacer	Gel Water	8.3	5.0	20 bbl
2	Cement	VariCem	13.5	5.0	325 sks
3	Spacer	Water Displacement	8.3	5.0	44.94 bbl
4	Cement	Top Out Cement	14.5	1.5	200 sks

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10-3/4" Surface Casing	0 - 500 ft (MD)
	0 - 500 ft (TVD)
Outer Diameter	10.750 in
Inner Diameter	10.050 in
Linear Weight	40.50 lbm/ft
Casing Grade	J-55
9-7/8" Intermediate Open Hole	500 - 3600 ft (MD)
Inner Diameter	9.875 in
Job Excess	50 %
7-5/8" Intermediate Casing	0 - 3600 ft (MD)
Outer Diameter	7.625 in
Inner Diameter	6.875 in
Linear Weight	29.70 lbm/ft
Casing Grade	P-110
Mud Type	Aerated
Mud Weight	8.40 lbm/gal
BHCT	95 degF

Spacer:

Total Spacer	= 56.15 ft^3
	= 10.00 bbl

Spacer:

Total Spacer	= 112.29 ft^3
	= 20.00 bbl

Spacer:

Total Spacer	= 56.15 ft^3
	= 10.00 bbl

Cement : (2200.00 ft fill)

500.00 ft * 0.2338 ft^3/ft * 0 %	= 116.89 ft^3
1700.00 ft * 0.2148 ft^3/ft * 50 %	= 547.63 ft^3
Total Foamed Lead Cement	= 664.52 ft^3
	= 118.36 bbl
Sacks of Cement	= 264 sks

Cement : (900.00 ft fill)

900.00 ft * 0.2148 ft^3/ft * 50 %	= 289.92 ft^3
Total Foamed Lead Cement	= 289.92 ft^3
	= 51.64 bbl
Sacks of Cement	= 149 sks

Cement : (500.00 ft fill)

500.00 ft * 0.2148 ft^3/ft * 50 %	= 161.07 ft^3
Total Tail Cement	= 161.07 ft^3
	= 28.69 bbl
Sacks of Cement	= 117 sks

Shoe Joint Volume: (42.00 ft fill)

42.00 ft * 0.2578 ft^3/ft	= 10.83 ft^3
	= 1.93 bbl
Tail plus shoe joint	= 171.90 ft^3
	= 30.62 bbl

Total Pipe Capacity:

3600.00 ft * 0.2578 ft^3/ft	= 928.06 ft^3
	= 165.29 bbl

Displacement Volume to Shoe Joint:

Capacity of Pipe - Shoe Joint	= 165.29 bbl - 1.93 bbl
	= 163.37 bbl

Fluid Instructions

Fluid 1: Water Spacer
Fresh Water Ahead

Fluid Density:	8.34 lbm/gal
Fluid Volume:	10 bbl

Fluid 2: Reactive Spacer
Super Flush

		Fluid Density:	9.20 lbm/gal
50 lbm/bbl	Halliburton Super Flush (Flush/spacer Additive)	Fluid Volume:	20 bbl
42 lbm/bbl	Fresh Water (Base Fluid)		

Fluid 3: Water Spacer
Fresh Water Behind

Fluid Density:	8.34 lbm/gal
Fluid Volume:	10 bbl

Fluid 4: Foamed Lead Cement
ELASTISEAL SYSTEM
1.5 % FDP-C760-04 (Fdp Additive)

Fluid Weight	14.30 lbm/gal
Slurry Yield:	1.47 ft^3/sk
Total Mixing Fluid:	6.41 Gal/sk
Top of Fluid:	0 ft
Calculated Fill:	2200 ft
Volume:	118.36 bbl
Calculated Sacks:	263.57 sks
Proposed Sacks:	265 sks

Fluid 5: Foamed Lead Cement
ELASTISEAL SYSTEM
1.5 % FDP-C760-04 (Fdp Additive)

Fluid Weight	14.30 lbm/gal
Slurry Yield:	1.47 ft^3/sk
Total Mixing Fluid:	6.41 Gal/sk
Top of Fluid:	2200 ft
Calculated Fill:	900 ft
Volume:	51.64 bbl
Calculated Sacks:	148.87 sks
Proposed Sacks:	150 sks

Fluid 6: Tail Cement
ELASTISEAL SYSTEM

Fluid Weight	14.30 lbm/gal
Slurry Yield:	1.47 ft^3/sk
Total Mixing Fluid:	6.40 Gal/sk
Top of Fluid:	3100 ft
Calculated Fill:	500 ft
Volume:	30.62 bbl
Calculated Sacks:	117.02 sks

Proposed Sacks:	120 sks

Fluid 7: Water Spacer
Displacement

Fluid Density:	8.34 lbm/gal
Fluid Volume:	307.70 bbl

Fluid 8: Top Out Cement
Premium Cement
94 lbm/sk Premium Cement (Cement)
12 % Cal-Seal 60 (Accelerator)
3 % Calcium Chloride (Accelerator)

Fluid Weight	14.60 lbm/gal
Slurry Yield:	1.55 ft^3/sk
Total Mixing Fluid:	7.35 Gal/sk
Proposed Sacks:	200 sks

Detailed Pumping Schedule

Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Estimated Avg Rate bbl/min	Downhole Volume
1	Spacer	Fresh Water Ahead	8.3	5.0	10 bbl
2	Spacer	Super Flush	9.2	5.0	20 bbl
3	Spacer	Fresh Water Behind	8.3	5.0	10 bbl
4	Cement	8.5 ppg Foamed Elastiseal	14.3	5.0	265 sks
5	Cement	11 ppg Foamed Elastiseal Cement	14.3	5.0	150 sks
6	Cement	Unfoamed Elastiseal	14.3	5.0	120 sks
7	Spacer	Displacement	8.3	7.0	307.70 bbl
8	Cement	Cap Cement	14.6	1.5	200 sks

Foam Output Parameter Summary:

Fluid #	Fluid Name	Unfoamed Liquid Volume	Beginning Density lbm/gal	Ending Density lbm/gal	Beginning Rate scf/bbl	Ending Rate scf/bbl
Stage 1						
4	8.5 ppg Foamed Elastiseal	69.01bbl	8.5	8.5	23.3	287.5
5	11 ppg Foamed Elastiseal Cement	38.98bbl	11.0	11.0	124.6	187.4

Foam Design Specifications:

Foam Calculation Method: Constant Density
Backpressure: 75 psig
Bottom Hole Circulating Temp: 95 degF
Mud Outlet Temperature: 80 degF

Calculated Gas = 17039.2 scf
Additional Gas = 40000 scf
Total Gas = 57039.2 scf

FR 4P-21-14-20

10-3/4" Surface Casing	0 - 500 ft (MD)
	0 - 500 ft (TVD)
Outer Diameter	10.750 in
Inner Diameter	10.050 in
Linear Weight	40.50 lbm/ft
Casing Grade	J-55
7-5/8" Intermediate Casing	0 - 3600 ft (MD)
Outer Diameter	7.625 in
Inner Diameter	6.875 in
Linear Weight	29.70 lbm/ft
Casing Grade	P-110
6-1/2" Production Open Hole	3600 - 12325 ft (MD)
Inner Diameter	6.500 in
Job Excess	40 %
4-1/2" Production Casing	0 - 12325 ft (MD)
Outer Diameter	4.500 in
Inner Diameter	3.920 in
Linear Weight	13.50 lbm/ft
Casing Grade	P-110
Mud Type	Water Based Mud
Mud Weight	9.50 lbm/gal
BHCT	180 degF

Spacer:

381.00 ft * 0.1473 ft^3/ft * 0 %	= 56.14 ft^3
Total Spacer	= 56.15 ft^3
	= 10.00 bbl

Spacer:

762.00 ft * 0.1473 ft^3/ft * 0 %	= 112.28 ft^3
Total Spacer	= 112.29 ft^3
	= 20.00 bbl

Spacer:

381.00 ft * 0.1473 ft^3/ft * 0 %	= 56.14 ft^3
Total Spacer	= 56.15 ft^3
	= 10.00 bbl

Cement : (8825.00 ft fill)

600.00 ft * 0.1473 ft^3/ft * 0 %	= 88.41 ft^3
8225.00 ft * 0.12 ft^3/ft * 40 %	= 1381.70 ft^3
Total Foamed Lead Cement	= 1470.11 ft^3
	= 261.84 bbl
Sacks of Cement	= 731 sks

Cement : (500.00 ft fill)

500.00 ft * 0.12 ft^3/ft * 40 %	= 83.99 ft^3
Tail Cement	= 83.99 ft^3
	= 14.96 bbl

Shoe Joint Volume: (42.00 ft fill)

42.00 ft * 0.0838 ft^3/ft	= 3.52 ft^3
	= 0.63 bbl
Tail plus shoe joint	= 87.51 ft^3
	= 15.59 bbl
Total Tail	= 60 sks

Total Pipe Capacity:

12325.00 ft * 0.0838 ft^3/ft	= 1032.97 ft^3
	= 183.98 bbl

Displacement Volume to Shoe Joint:

Capacity of Pipe - Shoe Joint	= 183.98 bbl - 0.63 bbl
	= 183.35 bbl

Fluid Instructions
Fluid 1: Water Spacer
Fresh Water Ahead

Fluid Density:	8.34 lbm/gal
Fluid Volume:	10 bbl

Fluid 2: Reactive Spacer
Super Flush

Fluid Density:	9.20 lbm/gal
Fluid Volume:	20 bbl

Fluid 3: Water Spacer
Fresh Water Behind

Fluid Density:	8.34 lbm/gal
Fluid Volume:	10 bbl

Fluid 4: Foamed Lead Cement
ELASTISEAL SYSTEM
1.5 % FDP-C760-04 (Fdp Additive)

Fluid Weight	14.30 lbm/gal
Slurry Yield:	1.47 ft^3/sk
Total Mixing Fluid:	6.41 Gal/sk
Top of Fluid:	3000 ft
Calculated Fill:	8825 ft
Volume:	261.84 bbl
Calculated Sacks:	730.70 sks
Proposed Sacks:	735 sks

Fluid 5: Tail Cement
ELASTISEAL SYSTEM

Fluid Weight	14.30 lbm/gal
Slurry Yield:	1.47 ft^3/sk
Total Mixing Fluid:	6.40 Gal/sk
Top of Fluid:	11825 ft
Calculated Fill:	500 ft
Volume:	15.59 bbl
Calculated Sacks:	59.57 sks
Proposed Sacks:	60 sks

Fluid 6: Water Spacer
Displacement

Fluid Density:	8.34 lbm/gal
Fluid Volume:	183.35 bbl

Fluid 7: Top Out Cement
Premium Cement
94 lbm/sk Premium Cement (Cement)
12 % Cal-Seal 60 (Accelerator)
3 % Calcium Chloride (Accelerator)

Fluid Weight	14.60 lbm/gal
Slurry Yield:	1.55 ft^3/sk
Total Mixing Fluid:	7.35 Gal/sk
Proposed Sacks:	75 sks

Detailed Pumping Schedule

Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Estimated Avg Rate bbl/min	Downhole Volume
1	Spacer	Fresh Water Ahead	8.3	5.0	10 bbl
2	Spacer	Super Flush	9.2	5.0	20 bbl
3	Spacer	Fresh Water Behind	8.3	5.0	10 bbl
4	Cement	Elastiseal Foamed Lead	14.3	5.0	735 sks
5	Cement	Elastiseal Unfoamed Tail	14.3	5.0	60 sks
6	Spacer	Displacement	8.3	7.0	183.35 bbl
7	Cement	12/3 Thixo	14.6	1.5	75 sks

Foam Output Parameter Summary:

Fluid #	Fluid Name	Unfoamed Liquid Volume	Beginning Density lbm/gal	Ending Density lbm/gal	Beginning Rate scf/bbl	Ending Rate scf/bbl
Stage 1						
4	Elastiseal Foamed Lead	191.31bbl	11.0	11.0	164.4	673.1

Foam Design Specifications:

Foam Calculation Method: Constant Density
Backpressure: 75 psig
Bottom Hole Circulating Temp: 180 degF
Mud Outlet Temperature: 120 degF

Calculated Gas = 82379.7 scf
Additional Gas = 40000 scf
Total Gas = 122379.7 scf

Conditions

NOTE

In order to meet your needs under this Agreement (*Proposal*) with a high quality of service and responsive timing, Halliburton will be allocating limited resources and committing valuable equipment and materials to your area of operations. Accordingly, the discounts reflected in this Agreement (*Proposal*) are available only for products and services awarded on a first-call basis. As set forth below, alternate pricing will apply in the event that Halliburton is awarded work on any basis other than as a first-call provider.

The unit prices stated in the proposal are based on our current published prices. The projected equipment, personnel, and material needs are only estimates based on information about the work presently available to us. At the time the work is actually performed, conditions then existing may require an increase or decrease in the equipment, personnel, and/or material needs. Charges will be based upon unit prices in effect at the time the work is performed and the amount of equipment, personnel, and/or material actually utilized in the work. Taxes, if any, are not included. Applicable taxes, if any, will be added to the actual invoice.

It is understood and agreed between the parties that with the exception of the subject discounts, all services performed and equipment and materials sold are provided subject to Halliburton's General Terms and Conditions contained in our current price list, (which include LIMITATION OF LIABILITY and WARRANTY provisions), and pursuant to the applicable Halliburton Work Order Contract (whether or not executed by you), unless a Master Service and/or Sales Contract applicable to the services, equipment, or materials supplied exists between your company and Halliburton, in which case the negotiated Master Contract shall govern the relationship between the parties. A copy of the latest version of our General Terms and Conditions is available from your Halliburton representative or at: http://www.halliburton.com/hes/general_terms_conditions.pdf for your convenient review, and we would appreciate receiving any questions you may have about them. Should your company be interested in negotiating a Master Contract with Halliburton, our Law Department would be pleased to work with you to finalize a mutually agreeable contract. In this connection, it is also understood and agreed that Customer will continue to execute Halliburton usual field work orders and/or tickets customarily required by Halliburton in connection with the furnishing of said services, equipment, and materials.
Any terms and conditions contained in purchase orders or other documents issued by the customer shall be of no effect except to confirm the type and quantity of services, equipment, and materials to be supplied to the customer.
If customer does not have an approved open account with Halliburton or a mutually executed written contract with Halliburton, which dictates payment terms different than those set forth in this clause, all sums due are payable in cash at the time of performance of services or delivery of equipment, products, or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice.

Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

QUESTAR EXPLORATION & PRODUCTION, CO.
FR 4P-21-14-20
850' FNL 510' FWL
NWNW, SECTION 21, T14S, R20E
UINTAH COUNTY, UTAH
LEASE # UTU-10164

ONSHORE ORDER NO. 1

MULTI – POINT SURFACE USE & OPERATIONS PLAN

1. **Existing Roads:**

The proposed well site is approximately 52 miles from Ouray, Utah.

Refer to Topo Maps A and B for location of access roads within a 2 – mile radius.

2. **Planned Access Roads:**

Refer to Topo Map B for the location of the proposed access road.

3. **Location of Existing Wells Within a 1 – Mile Radius:**

Please refer to Topo Map C.

4. **Location of Existing & Proposed Facilities:**

Refer to Topo Map D for the location of the proposed pipeline.

5. **Location and Type of Water Supply:**

Fresh water for drilling purposes will be obtained from Willow Creek water #49-2183/ Permit# T75500.

6. **Source of Construction Materials:**

Surface and subsoil materials in the immediate area will be utilized. Any gravel will be obtained from a commercial source. The use of materials under BLM jurisdiction will conform with 43 CFR 3610.2-3.

7. **Methods of Handling Waste Materials:**

Drill cuttings will be contained and buried in the reserve pit. Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be used at the next drill site or will be removed and disposed of at an approved waste disposal facility with 120 days after drilling is terminated. Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

After first production, produced wastewater will be confined to the approved pit or storage tank for a period not to exceed 90 days. During the 90 day period, in accordance with Onshore Order #7, all produced water will be contained in tanks on location and then hauled to Wonsits Valley location in SWNW section 12, T8S, R21E; or Red Wash Disposal Well located in NESW, Section 28, T7S, R22E; or, Red Wash Central Battery Disposal located in SWSE, Section 27, T7S, R23E. Pit reclamation for lined pit will be ruptured when emptied to allow the remaining liquid to be adequately mixed and to promote additional drying of the pit area.

8. **Ancillary Facilities:**

None anticipated.

9. **Well Site Layout: (See Location Layout Diagram)**

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

A Pit liner is required felt if rock encountered.

10. **Plans for Reclamation of the Surface:**

Topsoil will be stripped and salvaged to provide for sufficient quantities to be respread to a depth of at least 4 to 6 inches over the disturbed areas to be reclaimed. Topsoil shall be stock piled separately from subsoil materials. Topsoil salvaged from the reserve pit shall be stockpiled separately near the reserve pit. Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production. Alternatively, the pit will be pumped dry, the liner folded into the pit, and the pit backfilled. The reserve pit will be reclaimed within 120 days from the date of well completion, weather permitting.

Seed mix # 1

11. **Surface Ownership:**

The well pad and access road are located on lands owned by:

Ute Tribe
P.O. Box 70
Fort Duchesne, UT 84026

12. **Other Information:**

A Class III archaeological survey was conducted by Montgomery Archaeology Consultants. A copy of this report was submitted directly to the appropriate agencies by Montgomery Archaeology Consultants. Cultural resource clearance was recommended for this location.

Lessee's or Operator's Representative:

Jan Nelson
Red Wash Rep.
Questar Exploration & Production, Co.
11002 East 17500 South
Vernal, Utah 84078
(435) 781-4331

Certification:

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil & Gas Orders, the approved plan of operations, and any applicable Notice to Lessees.

QEP will be fully responsible for the actions of their subcontractors.

A complete copy of the approved Application for Permit to Drill will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by QEP it's contractors and subcontractors
in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Jan Nelson
Red Wash Representative

03-Dec-07
Date

QUESTAR EXPLR. & PROD.

FR #4P-21-14-20

LOCATED IN UINTAH COUNTY, UTAH
SECTION 21, T14S, R20E, S.L.B.&M.

PHOTO: VIEW OF LOCATION STAKE **CAMERA ANGLE: WESTERLY**

PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS **CAMERA ANGLE: NORTHERLY**

- Since 1964 -
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

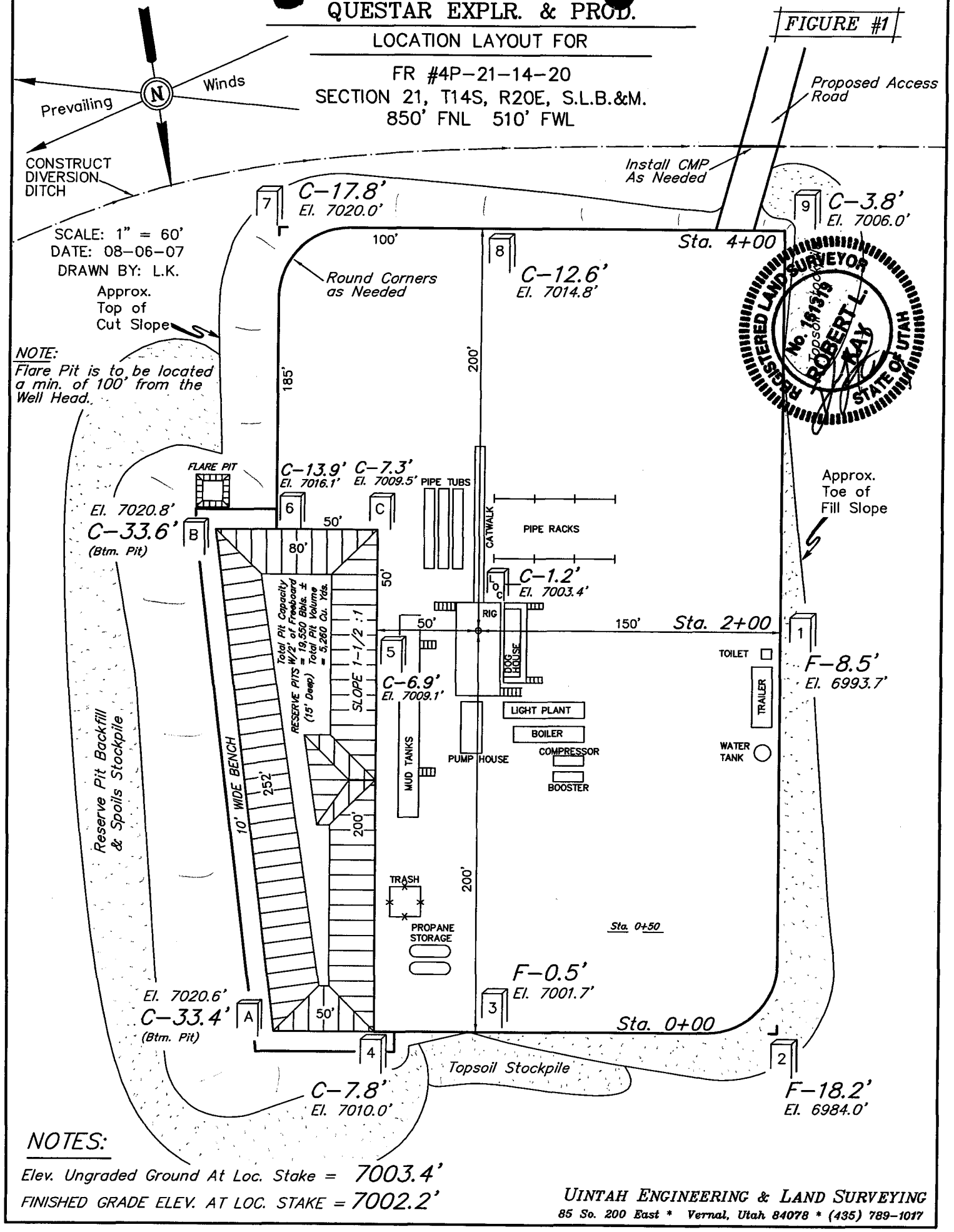
LOCATION PHOTOS	08 MONTH	14 DAY	07 YEAR	PHOTO
TAKEN BY: J.W.	DRAWN BY: B.C.	REVISED: 00-00-00		

QUESTAR EXPLR. & PROD.

LOCATION LAYOUT FOR

FR #4P-21-14-20
SECTION 21, T14S, R20E, S.L.B.&M.
850' FNL 510' FWL

FIGURE #1



REGISTERED LAND SURVEYOR
No. 161319
ROBERT L. KAY
STATE OF UTAH

NOTES:

Elev. Ungraded Ground At Loc. Stake = 7003.4'

FINISHED GRADE ELEV. AT LOC. STAKE = 7002.2'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

QUESTAR EXPLR. & PROD.

TYPICAL CROSS SECTIONS FOR

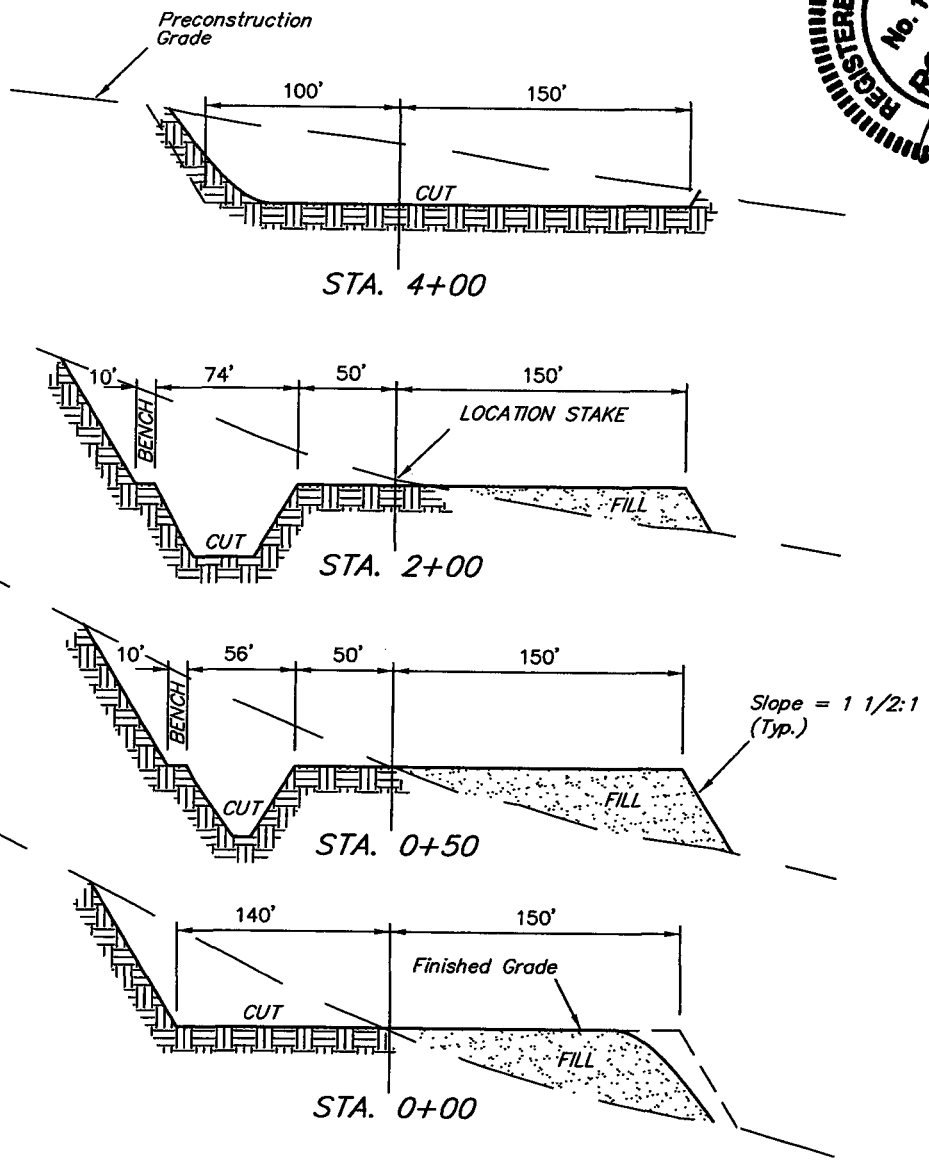
FR #4P-21-14-20
SECTION 21, T14S, R20E, S.L.B.&M.
850' FNL 510' FWL

FIGURE #2

1" = 20'
X-Section Scale
1" = 50'

DATE: 08-06-07
DRAWN BY: L.K.

REGISTERED LAND SURVEYOR No. 161319 ROBERT L. KAY STATE OF UTAH



APPROXIMATE ACREAGES

WELL SITE DISTURBANCE = ± 3.306 ACRES
ACCESS ROAD DISTURBANCE = ± 1.707 ACRES
PIPELINE DISTURBANCE = ± 1.708 ACRES
TOTAL = ± 6.721 ACRES

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

NOTE:
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE YARDAGES

CUT
(12") Topsoil Stripping = 5,450 Cu. Yds.
Remaining Location = 30,630 Cu. Yds.

TOTAL CUT = 36,080 CU.YDS.
FILL = 13,320 CU.YDS.

EXCESS MATERIAL = 22,760 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.) = 8,080 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation) = 14,680 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

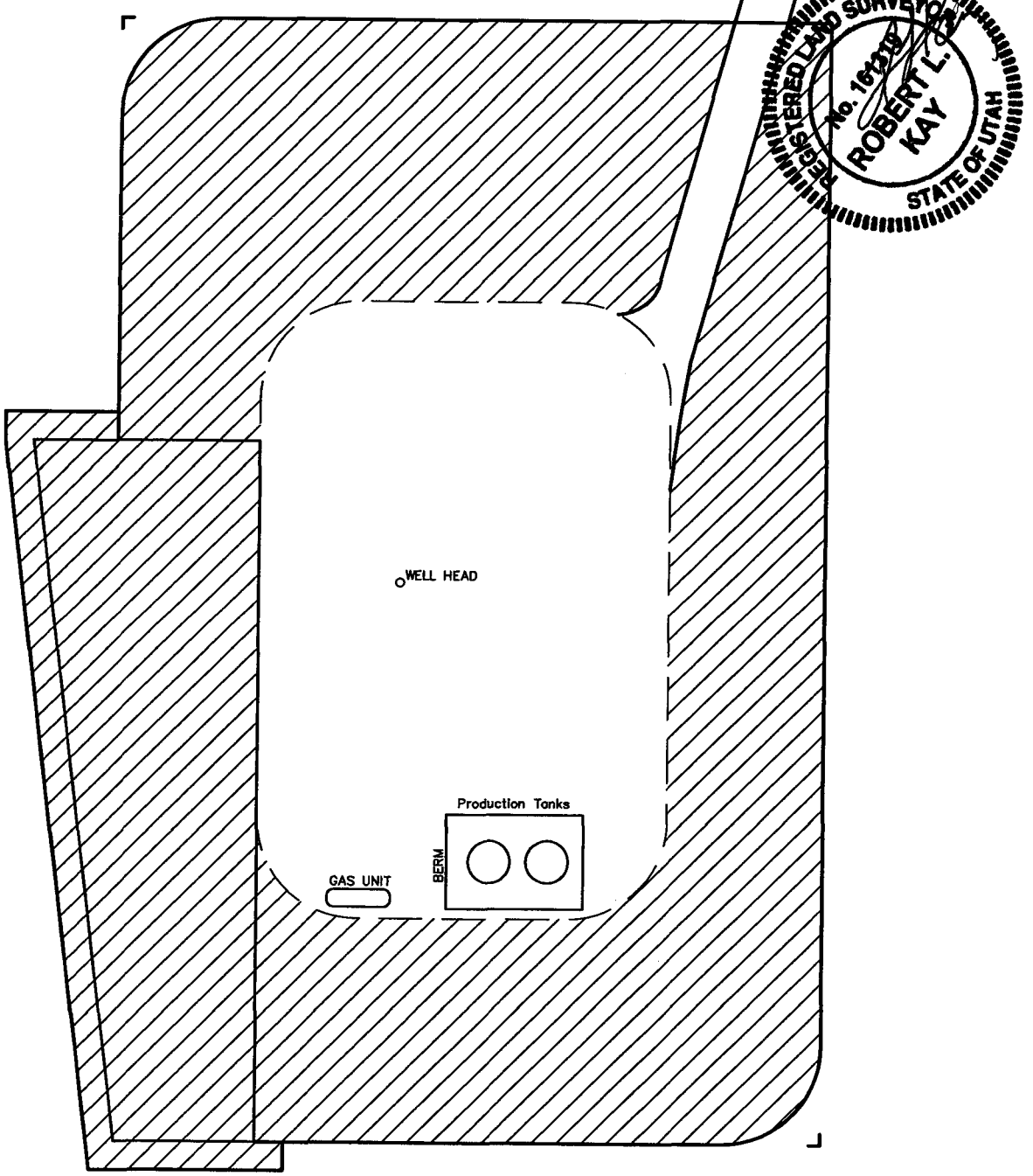
QUESTAR EXPLR. & PROD.

INTERIM RECLAMATION PLAN FOR

FR #4P-21-14-20
SECTION 21, T14S, R20E, S.L.B.&M.
850' FNL 510' FWL

FIGURE #3

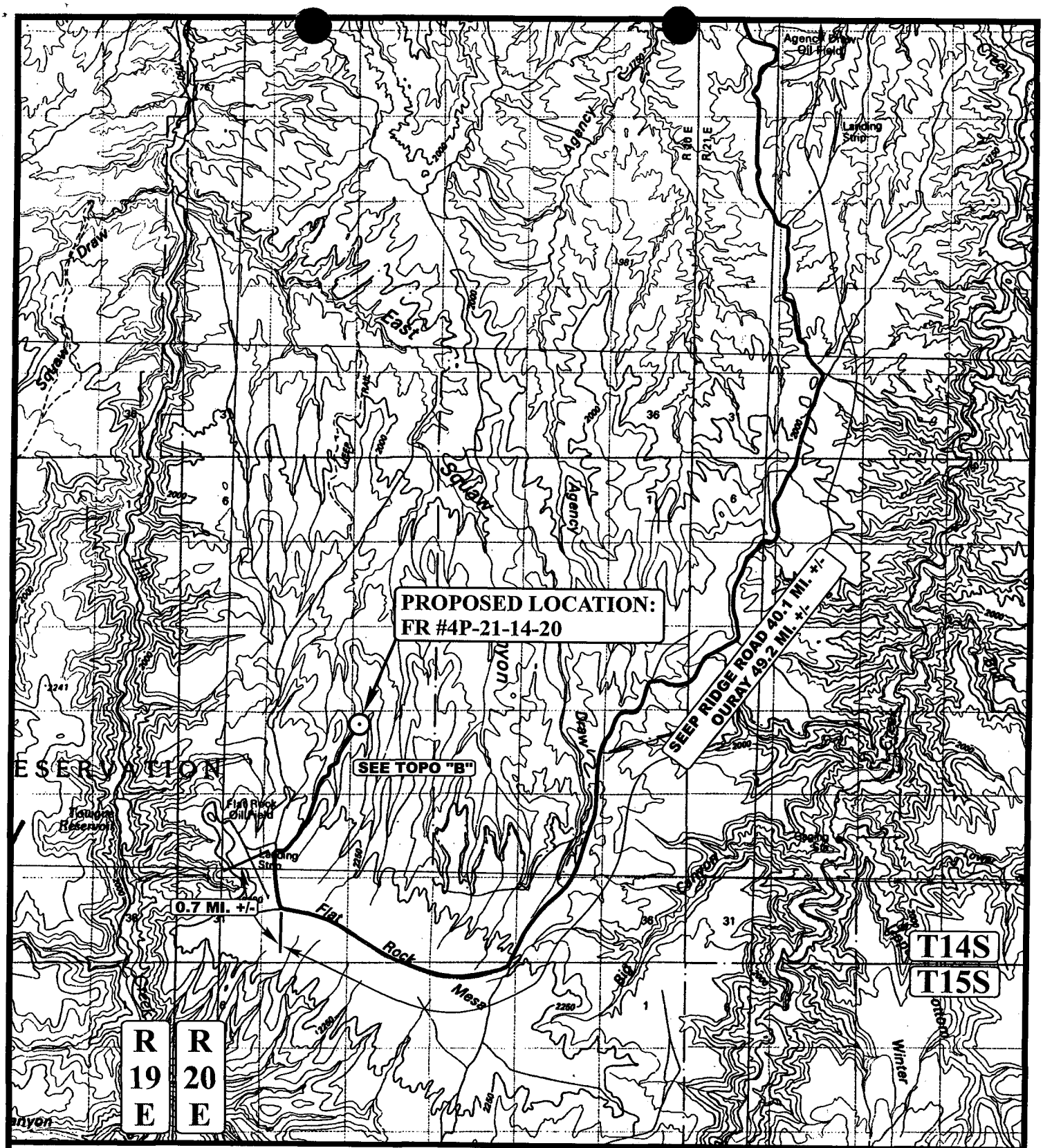
SCALE: 1" = 60'
DATE: 08-06-07
DRAWN BY: L.K.



REGISTERED LAND SURVEYOR No. 161319 ROBERT L. KAY STATE OF UTAH

INTERIM RECLAMATION

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017



LEGEND:

⊙ PROPOSED LOCATION

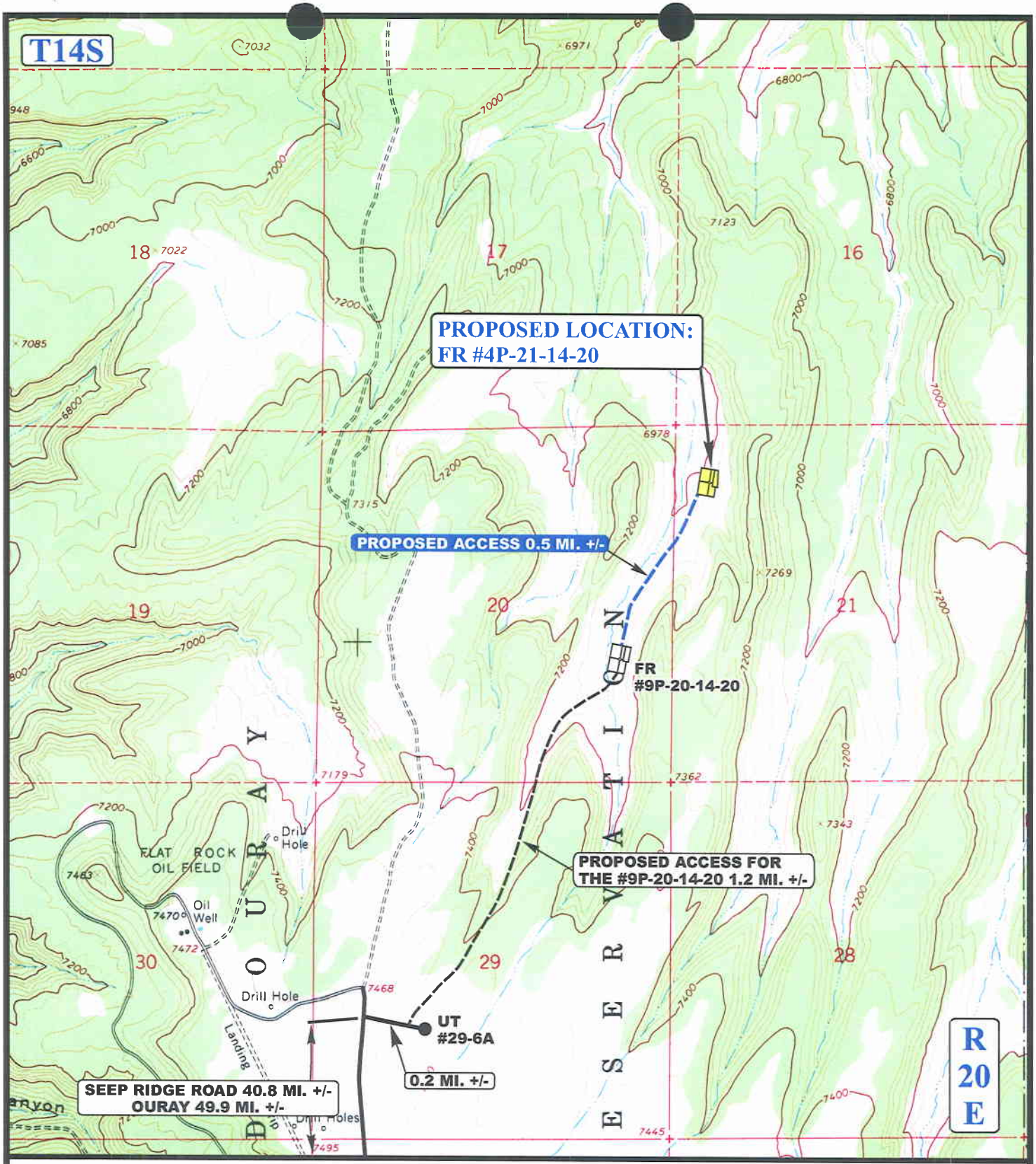
N

QUESTAR EXPLR. & PROD.

FR #4P-21-14-20
SECTION 21, T14S, R20E, S.L.B.&M.
850' FNL 510' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	08 MONTH	14 DAY	07 YEAR
SCALE: 1:100,000	DRAWN BY: B.C.	REVISED: 00-00-00	A TOPO



LEGEND:

EXISTING ROAD

PROPOSED ACCESS ROAD

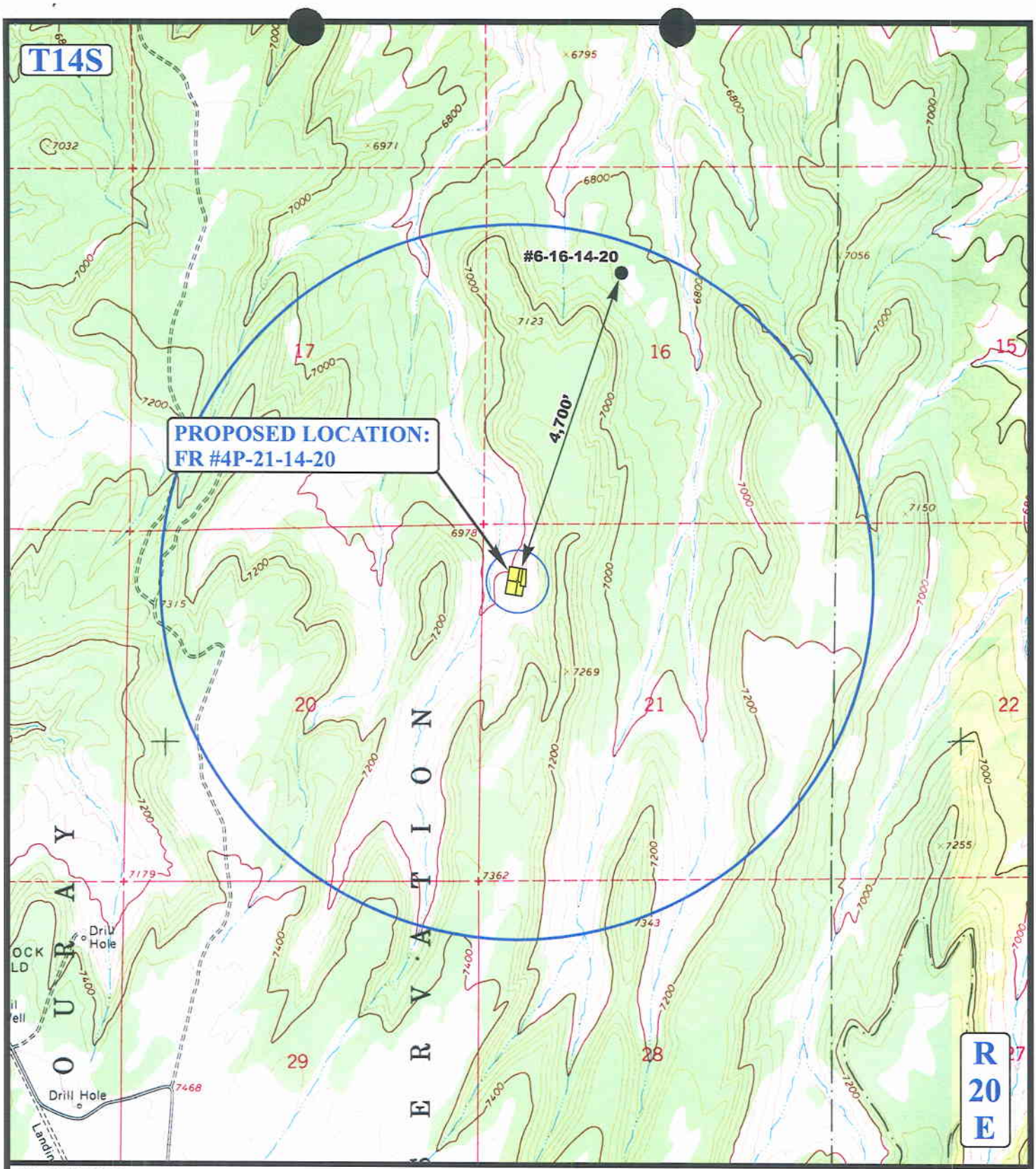
N

QUESTAR EXPLR. & PROD.

FR #4P-21-14-20
SECTION 21, T14S, R20E, S.L.B.&M.
850' FNL 510' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	08 MONTH	14 DAY	07 YEAR
SCALE: 1" = 2000'	DRAWN BY: B.C.	REVISED: 00-00-00	B TOPO



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

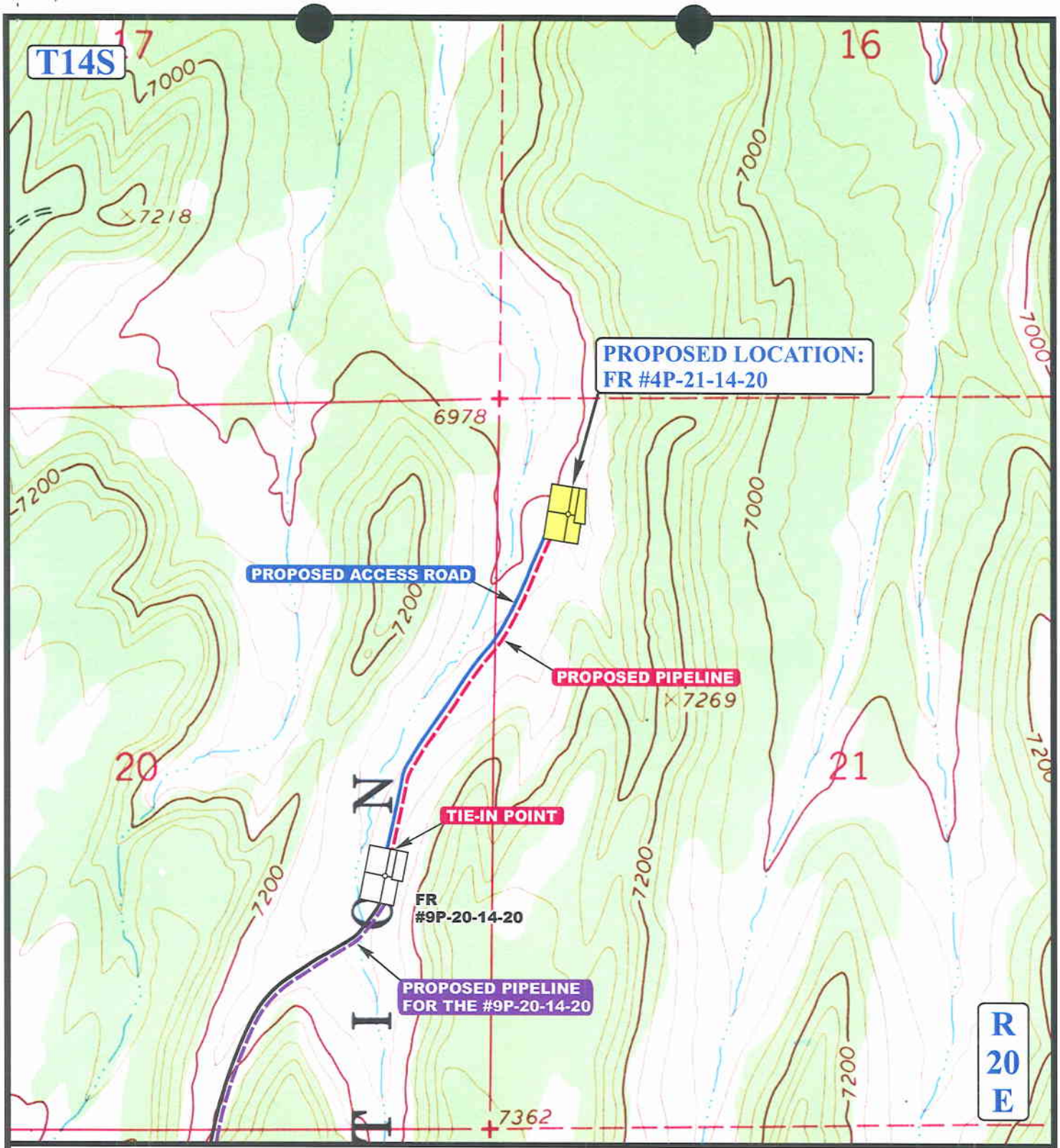
N

QUESTAR EXPLR. & PROD.

FR #4P-21-14-20
SECTION 21, T14S, R20E, S.L.B.&M.
850' FNL 510' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	08 MONTH	14 DAY	07 YEAR
SCALE: 1" = 2000'	DRAWN BY: B.C.	REVISED: 00-00-00	C TOPO



APPROXIMATE TOTAL PIPELINE DISTANCE = 2,532' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE
- PROPOSED PIPELINE (SERVICING OTHER WELLS)

N

QUESTAR EXPLR. & PROD.

FR #4P-21-14-20
SECTION 21, T14S, R20E, S.L.B.&M.
850' FNL 510' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	08 MONTH	14 DAY	07 YEAR	D TOPO
SCALE: 1" = 1000'	DRAWN BY: B.C.	REVISED: 08-21-07		

WORKSHEET

APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/05/2007

API NO. ASSIGNED: 43-047-39811

WELL NAME: FR 4P-21-14-20

OPERATOR: QUESTAR EXPLORATION & (N5085)

PHONE NUMBER: 435-781-4331

CONTACT: JAN NELSON

PROPOSED LOCATION:

NWNW 21 140S 200E

SURFACE: 0850 FNL 0510 FWL

BOTTOM: 0850 FNL 0510 FWL

COUNTY: UINTAH

LATITUDE: 39.58975 LONGITUDE: -109.6900

UTM SURF EASTINGS: 612490 NORTHINGS: 4382835

FIELD NAME: UNDESIGNATED (2)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-10164

PROPOSED FORMATION: WINGT

SURFACE OWNER: 2 - Indian

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

✓ Plat

✓ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. ESB000024)

N Potash (Y/N)

N Oil Shale 190-5 (B) or 190-3 or 190-13

✓ Water Permit
(No. 49-2183)

N RDCC Review (Y/N)
(Date:)

NA Fee Surf Agreement (Y/N)

NA Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit:

✓ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells

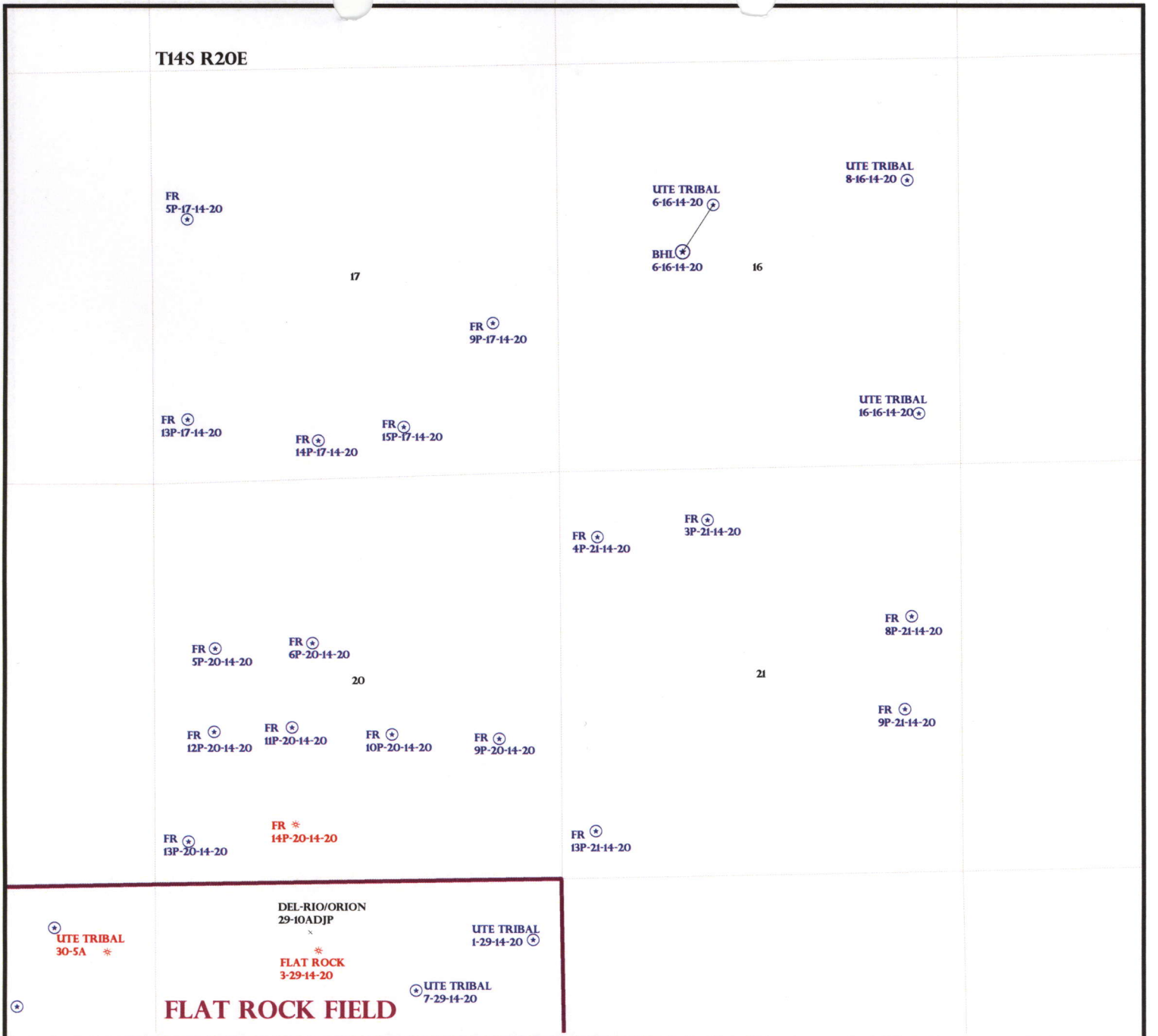
___ R649-3-3. Exception

___ Drilling Unit
Board Cause No:
Eff Date:
Siting:

___ R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS: 1- Federal Approval
2- Spacing Stip



OPERATOR: QUESTAR EXPL & PROD (N5085)

SEC: 20,21 T.14S R. 20E

FIELD: UNDESIGNATED (002)

COUNTY: UINTAH

SPACING: R649-3-2 / GENERAL SITING

Field Status
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status
- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING

UTAH DNR OIL, GAS & MINING

N W E S

PREPARED BY: DIANA MASON

DATE: 07-DECEMBER-2007

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

December 17, 2007

Questar Exploration & Production, Co.
11002 E 17500 S
Vernal, UT 84078

Re: FR 4P-21-14-20 Well, 850' FNL, 510' FWL, NW NW, Sec. 21, T. 14 South, R. 20 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-39811.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal Office

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

UTAH DNR OIL, GAS & MINING

Operator: Questar Exploration & Production, Co.

Well Name & Number FR 4P-21-14-20

API Number: 43-047-39811

Lease: UTU-10164

Location: NW NW **Sec.** 21 **T.** 14 South **R.** 20 East

Conditions of Approval

1. General

   Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

   Notify the Division within 24 hours of spudding the well.

   - Contact Carol Daniels at (801) 538-5284.

   Notify the Division prior to commencing operations to plug and abandon the well.

   - Contact Dustin Doucet at (801) 538-5281 office (801) 733-0983 home

3. Reporting Requirements

   All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.
UTU-10164

6. If Indian, Allottee or Tribe Name
UTE TRIBE

7. If Unit or CA, Agreement Designation
N/A

1. Type of Well
Oil Well [ ] Gas Well [X] Other [ ]

8. Well Name and No.
FR 4P 21 14 20

2. Name of Operator
QUESTAR EXPLORATION & PRODUCTION CO.

9. API Well No.
43-047-39811

3. Address and Telephone No.
11002 EAST 17500 SOUTH - VERNAL, UT 84078
Contact: Dahn.Caldwell@questar.com
435-781-4342 Fax 435-781-4357

10. Field and Pool, or Exploratory Area
UNDESIGNATED

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
850' FNL, 510' FWL, NWNW, SEC 21-T14S-R20E

11. County or Parish, State
UINTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans	
	[ ] Recompletion	[ ] New Construction	
[X] Subsequent Report	[ ] Plugging Back	[ ] Non-Routine Fracturing	
	[ ] Casing Repair	[ ] Water Shut-Off	
[ ] Final Abandonment Notice	[ ] Altering Casing	[ ] Conversion to Injection	
	[X] Other **SPUD**	[ ] Dispose Water	

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

On 3/30/08 – Drilled 90' of 30" conductor hole. Set 90' of 20" conductor pipe. Cmtd in place w/ Ready Mix.

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DIV. OF OIL, GAS & MINING

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3 - BLM, 2- Utah OG&M, 1 – Denver, 1 – file Word file-server

14. I hereby certify that the foregoing is true and correct.
Signed **Dahn F. Caldwell** Title **Office Administator II** Date **3/31/08**

(This space for Federal or State office use)

Approved by: _____ Title _____ Date _____

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

State of Utah
Division of Oil, Gas and Mining

ENTITY ACTION FORM - FORM 6

OPERATOR ACCT. No. N-5085

OPERATOR: **Questar Exploration & Production Co.**
ADDRESS: **11002 East 17500 South**
Vernal, Utah 84078 (435)781-4342

Action Code	Current Entity No.	New Entity No.	API Number	Well Name	QQ	SC	TP	RG	County	Spud Date	Effective Date
	99999	16771	**43-047-39811**	**FR 4P 21 14 20**	**NWNW**	**21**	**14S**	**20E**	**Uintah**	**3/30/08**	4/3/08

WELL 1 COMMENTS: WINGT

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WELL 2 COMMENTS:

WELL 3 COMMENTS:

WELL 4 COMMENTS:

WELL 5 COMMENTS:

ACTION CODES (See instructions on back of form)
- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected

(3/89)

Signature

Office Administrator II 3/31/08
Title Date

Phone No. **(435)781-4342**

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DIV. OF OIL, GAS & MINING

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Form 3160-5
(November 1994)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

5. Lease Serial No.	UTU-10164
6. If Indian, Allottee or Tribe Name	UTE TRIBE
7. If Unit or CA/Agreement, Name and/or No.	N/A
8. Well Name and No.	FR 4P-21-14-20
9. API Well No.	43-047-39811
10. Field and Pool, or Exploratory Area	UNDESIGNATED
11. County or Parish, State	UINTAH, UTAH

1. Type of Well: [ ] Oil Well [X] Gas Well [ ] Other

2. Name of Operator: *Questar Exploration & Production Co.* Contact: *Jan Nelson*

3a. Address: *11002 East 17500 South, Vernal, UT 84078*

3b. Phone No. *(include area code)*: *435-781-4331*

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*: *850' FNL 510' FWL, NWNW, SECTION 21, T14S, R20S*

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
[X] Notice of Intent	[ ] Acidize	[ ] Deepen	[ ] Production (Start/Resume)	[ ] Water Shut-Off
	[ ] Alter Casing	[ ] Fracture Treat	[ ] Reclamation	[ ] Well Integrity
[ ] Subsequent Report	[ ] Casing Repair	[ ] New Construction	[ ] Recomplete	[ ] Other
	[X] Change Plans	[ ] Plug and Abandon	[ ] Temporarily Abandon	
[ ] Final Abandonment Notice	[ ] Convert to Injection	[ ] Plug Back	[ ] Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days Following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once Testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Questar Exploration and Production Co. requests permission to change the currently approved 7 5/8" intermediate casing point fron from 3600' to 4400'.

Attached you will find:
1) Revised 8 point Drilling Plan
2) BOP & Revised Choke Manifold
3) Revised Cement Program

Accepted by the
Utah Division of
Oil, Gas and Mining
Date: 4/25/08
By: D. Hunt

Federal Approval Of This
Action Is Necessary

COPY SENT TO OPERATOR
Date: 4.28.2008
Initials: KS

14. I hereby certify that the foregoing is true and correct

Name *(Printed/Typed)*	Title
Laura Bills	Associate Regulatory Affairs Analyst
Signature: Laura Bills	Date: April 2, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by	Title	Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. — Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED
APR 07 2008
DIV. OF OIL, GAS & MINING

CONFIDENTIAL

ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Formation Tops

The estimated tops of important geologic markers are as follows:

Formation	TVD	MD	Prod. Phase Anticipated
Green River	Sfc	Sfc	
Wasatch	2380	2380	
Mesa Verde	4375	4375	Gas
Castlegate	6400	6400	
Mancos	7160	7160	
Dakota Silt	10,750	10,750	
Dakota	10,785	10,785	Gas
Cedar Mountain	10,920	10,920	
Morrison	11,115	11,115	
Curtís	11,670	11,670	
Entrada	11,765	11,765	Gas
Carmel	12,085	12,085	
Wingate	12,255	12,255	Gas
TD	12,355	12,355	

2. Anticipated Depths of Oil Gas Water and Other Mineral Bearing Zones

The estimated depths at which the top and bottom of the anticipated water, oil, gas. or other mineral bearing formations are expected to be encountered are as follows:

Substance	Formation	TVD Depth	MD Depth
Gas	Mesaverde	4,375'	4,375'
Gas	Dakota	10,785'	10,785'
Gas	Entrada	11,765'	11,765'
Gas	Wingate	12,255'	12,255'

All fresh water and prospectively valuable minerals encountered during drilling will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If no flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Willow Creek water right #49-2183 / Permit# T75500.

All waste water resulting from drilling operations will be disposed of at RNI disposal pit located in NWNE Section 5, T9S, R22E.

3. Operator's Specification for Pressure Control Equipment:

A. 5,000 psi W.P. Double Gate BOP or Single Gate BOP (schematic attached)

B. Functional test daily

C. All casing strings shall be pressure tested (0.2 psi/foot or 1500 psi, or 70 % of burst whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield pressure of the casing.

D. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 5M system and individual components shall be operable as designed.

4. Casing Program

	Depth	Hole Size	Csg Size	Type	Weight
Surface	500'	14-3/4"	10-3/4"	J-55	40.5lb/ft (new)
Intermediate	4400'	9-7/8"	7 5/8"	P-110	29.7lb/ft (new)
Production	TD	6 ½"	4 ½"	P-110	13.5lb/ft (new)

5. Auxiliary Equipment

A. Kelly Cock – yes

B. Float at the bit – no

C. Monitoring equipment on the mud system – visually

D. Full opening safety valve on the rig floor – yes

E. Rotating Head – yes

If drilling with air the following will be used:

F. The blooie line shall be at least 6" in diameter and extend at least 100' from the well bore into the reserve/blooie pit.

G. Blooie line ignition shall be provided by a continuous pilot (ignited when drilling below 500').

H. Compressor shall be tied directly to the blooie line through a manifold.

I. A mister with a continuous stream of water shall be installed near the end of the blooie lines for dust suppression.

Surface hole will be drilled with air, air/mist, foam, or mud depending on hole conditions. Drilling below surface casing will be with water based drilling fluids consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash and polymers. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used, oil concentration will be less than 4% by volume. Maximum anticipated mud weight is 9.5 ppg.

No minimum quantity of weight material will be required to be kept on location.

PVT/Flow Show will be used from base of surface casing to TD.

Gas detector will be used from surface casing depth to TD.

6. Testing, logging and coring program

A. Cores – none anticipated

B. DST – none anticipated

Logging – Mud logging – 500' to TD
GR-SP-Induction
Neutron Density
FMI

C. Formation and Completion Interval: Wingate interval, final determination of completion will be made by analysis of logs.
Stimulation – Stimulation will be designed for the particular area of interest as encountered.

7. Cementing Program

See attached Cementing Recommendation.

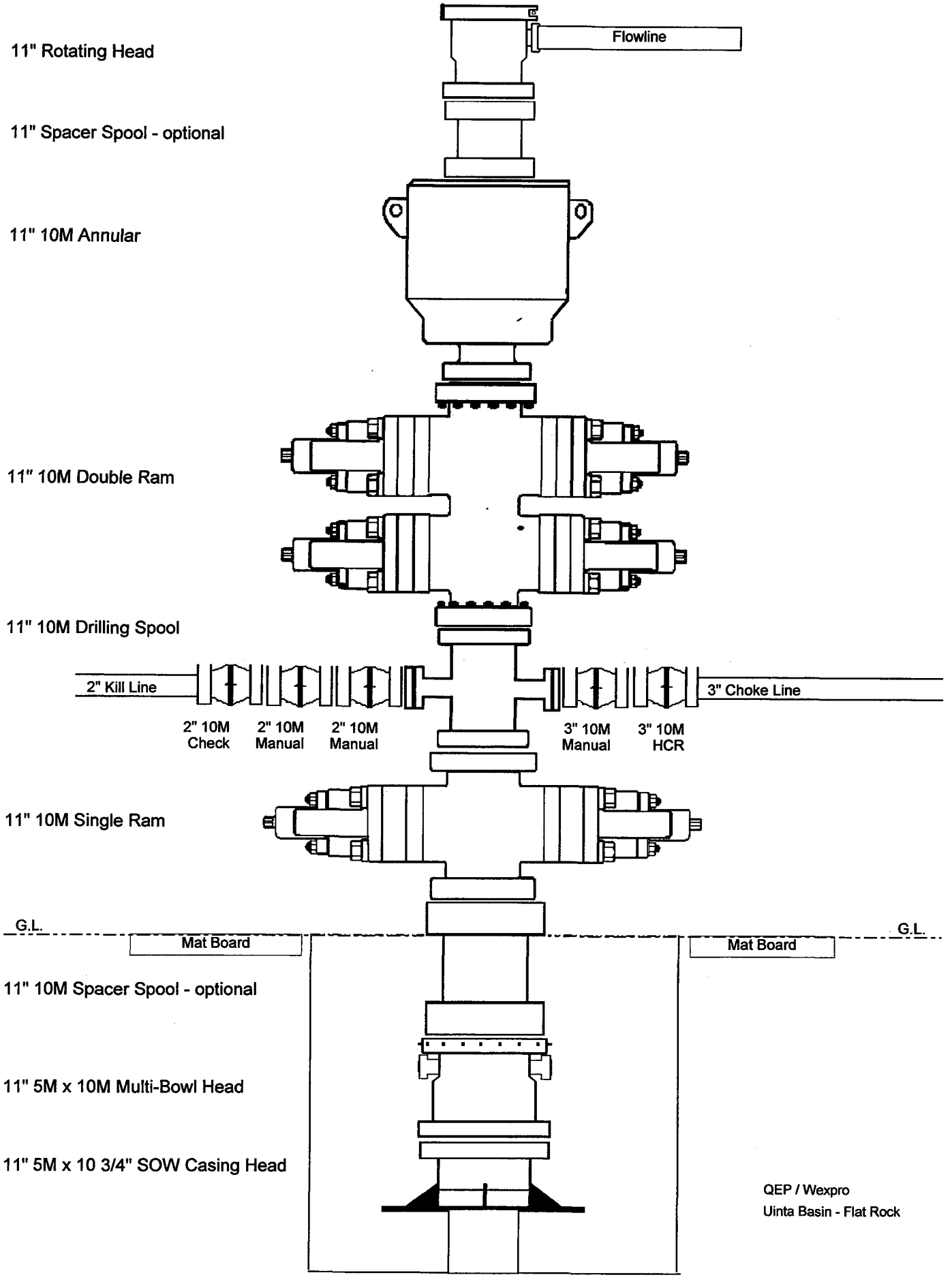
*Final cement volumes to be calculated from caliper log with an attempt to be made to circulate cement to the surface. A bond log will be run across the zone of interest and across zones as required by the authorized officer to insure protection of natural resources.

8. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards

No abnormal temperatures or pressures are anticipated. No H2S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 5522 psi. Maximum anticipated bottom hole temperature is 220° F.

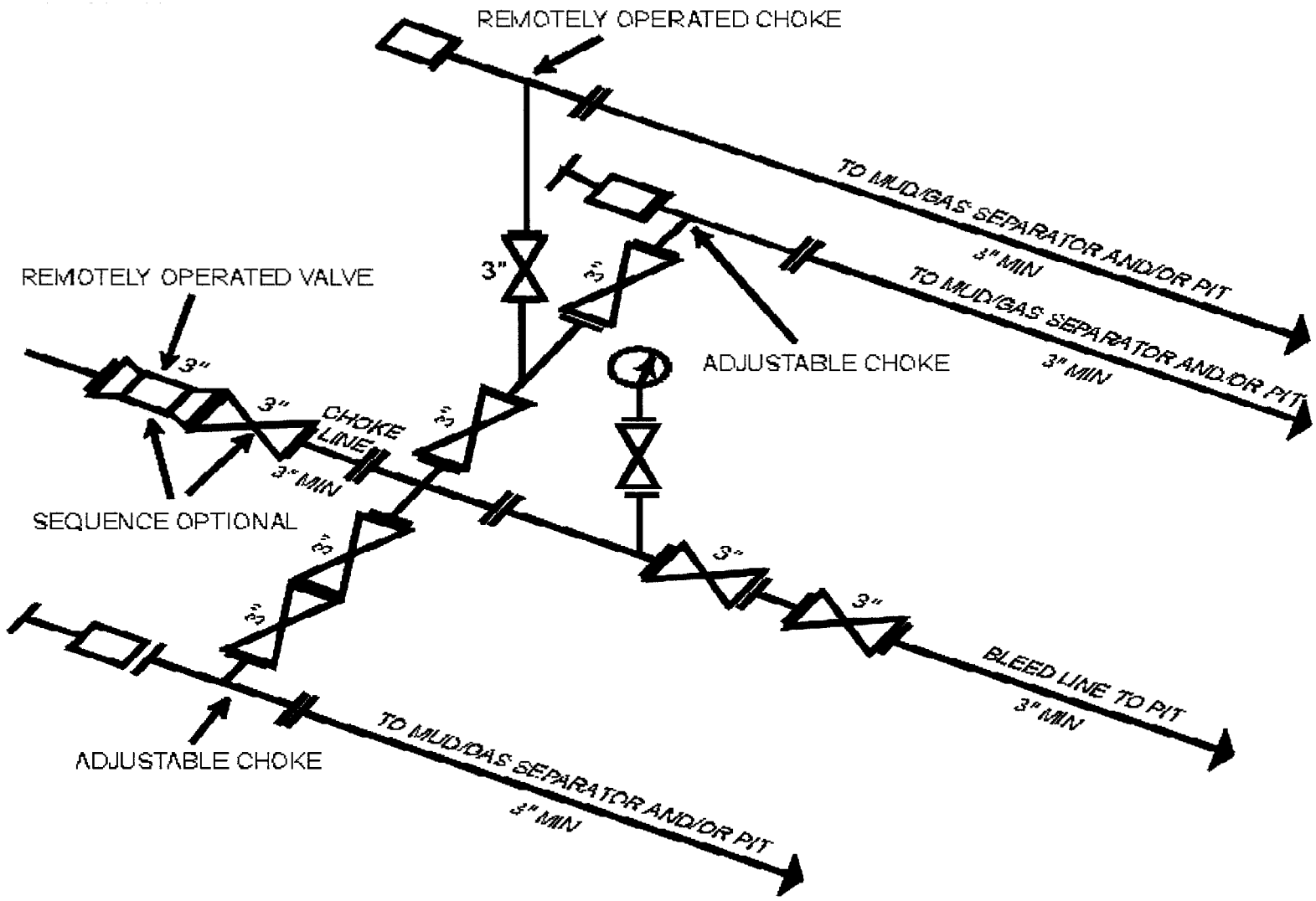
9. Surface Owner
The well pad and access road are located on lands owned by the Ute Tribe.

QUESTAR / WEXPRO
TYPICAL 10M BOP
Minimum Requirements



QEP / Wexpro
Uinta Basin - Flat Rock

Attachment I. Diagrams of Choke Manifold Equipment



I-4 10M and 15M Choke Manifold Equipment -- Configuration of chokes may vary

[54 FR 39528, Sept. 27, 1989]

Last Updated March 25, 1997 by John Broderick

HALLIBURTON

Q E P E-bill
1050 17th Street, Ste 500-do Not Ma
Denver, Colorado 80265

FR 4P-21-14-20
Flat Rock Field
Uintah County, Utah
United States of America

Multi-String Cementing Recommendation

Prepared for: Mr. Jim Davidson
Office Number: 303-308-3090
April 1, 2008
Version: 146981-2

Submitted by:
Aaron James
Halliburton
1125 17th St Suite 1900
Denver, Colorado 80202
303-899-4717

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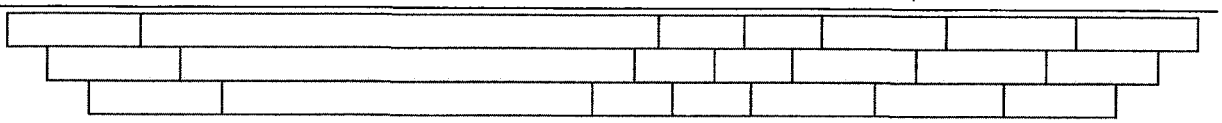

Job Information — Intermediate Casing

FR 4P-21-14-20

10-3/4" Surface Casing	0 - 500 ft (MD)
	0 - 500 ft (TVD)
Outer Diameter	10.750 in
Inner Diameter	10.050 in
Linear Weight	40.50 lbm/ft
Casing Grade	J-55
9-7/8" Intermediate Open Hole	500 - 4400 ft (MD)
Inner Diameter	9.875 in
Job Excess	50 %
7-5/8" Intermediate Casing	0 - 4400 ft (MD)
Outer Diameter	7.625 in
Inner Diameter	6.875 in
Linear Weight	29.70 lbm/ft
Casing Grade	P-110
Mud Type	Aerated
Mud Weight	8.40 lbm/gal
BHCT	95 degF

Fluid Instructions

Fluid 1: Water Spacer
Fresh Water Ahead

Fluid Density:	8.34 lbm/gal
Fluid Volume:	10 bbl

Fluid 2: Reactive Spacer
Super Flush

Fluid Density:	9.20 lbm/gal
Fluid Volume:	20 bbl

50 lbm/bbl Halliburton Super Flush (Flush/spacer Additive)
42 lbm/bbl Fresh Water (Base Fluid)

Fluid 3: Water Spacer
Fresh Water Behind

Fluid Density:	8.34 lbm/gal
Fluid Volume:	10 bbl

Fluid 4: Foamed Lead Cement
ELASTISEAL SYSTEM
1.5 % FDP-C760-04 (Fdp Additive)

Fluid Weight	14.30 lbm/gal
Slurry Yield:	1.47 ft^3/sk
Total Mixing Fluid:	6.41 Gal/sk
Top of Fluid:	0 ft
Calculated Fill:	2200 ft
Volume:	118.36 bbl
Calculated Sacks:	263.56 sks
Proposed Sacks:	265 sks

Fluid 5: Foamed Lead Cement
ELASTISEAL SYSTEM
1.5 % FDP-C760-04 (Fdp Additive)

Fluid Weight	14.30 lbm/gal
Slurry Yield:	1.47 ft^3/sk
Total Mixing Fluid:	6.41 Gal/sk
Top of Fluid:	2200 ft
Calculated Fill:	1700 ft
Volume:	97.54 bbl
Calculated Sacks:	280.20 sks
Proposed Sacks:	285 sks

Fluid 6: Unfoamed Tail Cement
ELASTISEAL SYSTEM

Fluid Weight	14.30 lbm/gal
Slurry Yield:	1.47 ft^3/sk
Total Mixing Fluid:	6.40 Gal/sk
Top of Fluid:	3900 ft
Calculated Fill:	500 ft
Volume:	30.62 bbl
Calculated Sacks:	117.02 sks

	Proposed Sacks:	120 sks

Fluid 7: Water Spacer
Displacement

Fluid Density:	8.34 lbm/gal
Fluid Volume:	307.70 bbl

Fluid 8: Top Out Cement
Premium Cement
94 lbm/sk Premium Cement (Cement)
12 % Cal-Seal 60 (Accelerator)
3 % Calcium Chloride (Accelerator)

Fluid Weight	14.60 lbm/gal
Slurry Yield:	1.55 ft^3/sk
Total Mixing Fluid:	7.35 Gal/sk
Proposed Sacks:	200 sks

Detailed Pumping Schedule

Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Estimated Avg Rate bbl/min	Downhole Volume
1	Spacer	Fresh Water Ahead	8.3	5.0	10 bbl
2	Spacer	Super Flush	9.2	5.0	20 bbl
3	Spacer	Fresh Water Behind	8.3	5.0	10 bbl
4	Cement	8.5 ppg Foamed Elastiseal	14.3	5.0	265 sks
5	Cement	11 ppg Foamed Elastiseal Cement	14.3	5.0	285 sks
6	Cement	Unfoamed Elastiseal	14.3	5.0	120 sks
7	Spacer	Displacement	8.3	7.0	307.70 bbl
8	Cement	Cap Cement	14.6	1.5	200 sks

Foam Output Parameter Summary:

Fluid #	Fluid Name	Unfoamed Liquid Volume	Beginning Density lbm/gal	Ending Density lbm/gal	Beginning Rate scf/bbl	Ending Rate scf/bbl
Stage 1						
4	8.5 ppg Foamed Elastiseal	69.00bbl	8.5	8.5	23.3	288.6
5	11 ppg Foamed Elastiseal Cement	73.36bbl	11.0	11.0	125.0	246.2

Foam Design Specifications:

Foam Calculation Method: Constant Density
Backpressure: 75 psig
Bottom Hole Circulating Temp: 95 degF
Mud Outlet Temperature: 80 degF

Calculated Gas = 24576.0 scf
Additional Gas = 40000 scf
Total Gas = 64576.0 scf

Job Information — Production Casing

FR 4P-21-14-20

10-3/4" Surface Casing	0 - 500 ft (MD)
	0 - 500 ft (TVD)
Outer Diameter	10.750 in
Inner Diameter	10.050 in
Linear Weight	40.50 lbm/ft
Casing Grade	J-55
7-5/8" Intermediate Casing	0 - 4400 ft (MD)
Outer Diameter	7.625 in
Inner Diameter	6.875 in
Linear Weight	29.70 lbm/ft
Casing Grade	P-110
6-1/2" Production Open Hole	4400 - 12325 ft (MD)
Inner Diameter	6.500 in
Job Excess	40 %
4-1/2" Production Casing	0 - 12325 ft (MD)
Outer Diameter	4.500 in
Inner Diameter	3.920 in
Linear Weight	13.50 lbm/ft
Casing Grade	P-110
Mud Type	Water Based Mud
Mud Weight	9.50 lbm/gal
BHCT	180 degF

Fluid Instructions

Fluid 1: Water Spacer
Fresh Water Ahead

Fluid Density:	8.34 lbm/gal
Fluid Volume:	10 bbl

Fluid 2: Reactive Spacer
Super Flush

Fluid Density:	9.20 lbm/gal
Fluid Volume:	20 bbl

Fluid 3: Water Spacer
Fresh Water Behind

Fluid Density:	8.34 lbm/gal
Fluid Volume:	10 bbl

Fluid 4: Foamed Lead Cement
ELASTISEAL SYSTEM
1.5 % FDP-C760-04 (Fdp Additive)

Fluid Weight	14.30 lbm/gal
Slurry Yield:	1.47 ft^3/sk
Total Mixing Fluid:	6.41 Gal/sk
Top of Fluid:	3000 ft
Calculated Fill:	8825 ft
Volume:	258.90 bbl
Calculated Sacks:	722.30 sks
Proposed Sacks:	725 sks

Fluid 5: Tail Cement
ELASTISEAL SYSTEM

Fluid Weight	14.30 lbm/gal
Slurry Yield:	1.47 ft^3/sk
Total Mixing Fluid:	6.40 Gal/sk
Top of Fluid:	11825 ft
Calculated Fill:	500 ft
Volume:	15.59 bbl
Calculated Sacks:	59.57 sks
Proposed Sacks:	60 sks

Fluid 6: Water Spacer
Displacement

Fluid Density:	8.34 lbm/gal
Fluid Volume:	183.35 bbl

Fluid 7: Top Out Cement
Premium Cement
94 lbm/sk Premium Cement (Cement)
12 % Cal-Seal 60 (Accelerator)
3 % Calcium Chloride (Accelerator)

Fluid Weight	14.60 lbm/gal
Slurry Yield:	1.55 ft^3/sk
Total Mixing Fluid:	7.35 Gal/sk
Proposed Sacks:	75 sks

Detailed Pumping Schedule

Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Estimated Avg Rate bbl/min	Downhole Volume
1	Spacer	Fresh Water Ahead	8.3	5.0	10 bbl
2	Spacer	Super Flush	9.2	5.0	20 bbl
3	Spacer	Fresh Water Behind	8.3	5.0	10 bbl
4	Cement	Elastiseal Foamed Lead	14.3	5.0	725 sks
5	Cement	Elastiseal Unfoamed Tail	14.3	5.0	60 sks
6	Spacer	Displacement	8.3	7.0	183.35 bbl
7	Cement	12/3 Thixo	14.6	1.5	75 sks

Foam Output Parameter Summary:

Fluid #	Fluid Name	Unfoamed Liquid Volume	Beginning Density lbm/gal	Ending Density lbm/gal	Beginning Rate scf/bbl	Ending Rate scf/bbl
Stage 1						
4	Elastiseal Foamed Lead	189.11bbl	11.0	11.0	164.4	673.1

Foam Design Specifications:

Foam Calculation Method: Constant Density
Backpressure: 75 psig
Bottom Hole Circulating Temp: 180 degF
Mud Outlet Temperature: 120 degF

Calculated Gas = 81877.9 scf
Additional Gas = 40000 scf
Total Gas = 121877.9 scf

43-047-39811
21 14S 20E

CONFIDENTIAL

QUESTAR

Operations Summary Report

Legal Well Name: FR 4P-21-14-20
Common Well Name: FR 4P-21-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 6/11/2008
Rig Release:
Rig Number: 1

Spud Date: 3/30/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/11/2008	06:00 - 16:00	10.00	BOP	1		"TIGHT HOLE": Completion of new well On 6/10/08 MIRU Basin Well Service to start completion of well. NDWH and NU 7-1/16" x10M# BOP stack. Spot in equipment. SDFN. On 6/11/08 will start to tally and rabbit in the hole with bit and scraper and new tbg... CASING SIZE: 4-1/2" 13.5# P-11 CASING DEPTH: 12558' FC@ 12556???
6/12/2008	06:00 - 16:00	10.00	LOC	2		"TIGHT HOLE": Completion of new well On 6/11/08 tally and rabbit in the hole with a 3-3/4" bit and 4-1/2" csg.scraper and new 2-3/8" EUE 8rd 4.7# P-110 tbg.to 7600'. SIFN. On 6/12/08 will continue to RIH with new tbg. and circ.hole with 2% KCL water at PBTD. CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC@ 12556???
6/13/2008	06:00 - 16:00	10.00	TRP	10		"TIGHT HOLE": Completion of new well On 6/12/08 continue to tally in the hole with 3-3/4" bit and 4-1/2" csg.scraper and new 2-3/8" P-110 tbg.to tag at 12520'. Circ.hole with 2% KCL water. Pull bit to 12200' and SIFN. On 6/13/08 will POOH with bit and scraper and tbg.and SIFW. CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC@ 12556???
6/16/2008	06:00 - 16:00	10.00	TRP	10		"TIGHT HOLE": Completion of new well On 6/13/08 SITP and SICP=0# with no perfs open. Finish POOH with bit and scraper and tbg. SIFW. On 6/16/08 will run cased hole logs, pressure test and perforate intial zone. CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC@ 12556???
6/17/2008	06:00 - 16:00	10.00	BOP	1		"TIGHT HOLE": Completion of new well On 6/16/08 SCIP=0#. MIRU Cased Hole solutins and ran a CBL/VDL/GR log from tag at 12360' to 230' with top of cement est.at 580'. Correlated the log to the Schlumberger Express OH log dated 5/21/08 run #1. RU B&C Qick Test and test csg.and BOP stack and flow back manifold to 9000# and OK. RDMO Quick Test. Perforate with the hole full of 2% KCL water the following Kayenta interval at 3 JPF and 120° phasing using a 3-1/8" csg.gun per the CBL log dated 6/16/08: 12276 -12284' (24 holes). No change in fluid level and no SICP after perforating. RDMO Cased Hole Solutions and SIFN. On 6/17/08 SICP=0#. Will RIH with packer and tbg.and break down zone with KCL water and swab. CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC@ 12556??? Perfs: Zone #1: Kayenta: (6/16/08) 12276 - 12284 (24 holes)

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Operations Summary Report

Legal Well Name: FR 4P-21-14-20
Common Well Name: FR 4P-21-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 6/11/2008
Rig Release:
Rig Number: 1

Spud Date: 3/30/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/18/2008	06:00 - 16:00	10.00	SWAB	1		On 6/17/08 SICP=0# RIH with a 4-1/2" ret.HD packer and tbg.and set at 12173'. Break down Kayenta perfs. 12276'-84' down tbg.with 10 bbl.of 2% KCL water as follows: Break down at 3000# and pump 10 bbl.of water into perfs.at 1/4 BPM at 2000#. Bled off well. RU swab. IFL at surface. Make 5 swab runs recovered 20 bbl.of water with no gas and FFL at 4200'. RD swab and SIFN. On 6/18/08 SITP-0#. RU swab.IFL at 5000'. Will continue to swab. CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC@ 12556??? Load from yesterday: 80 Minus daily recovery: 20 LLTR: 40 Perfs: Zone #1: Keyenta: (6/16/08) 12275-12284 (24 holes)
6/19/2008	06:00 - 16:00	10.00	SWAB	1		On 6/18/08 SITP and SICP=0# with packer set at 12173'. RU swab. IFL at 5000'. Make 5 swab runs and recovered 26 bbl.of water with no gas and swabbed down to "F" nipple at 12140'. Make 3 hourly runs with no fluid entry or recovery and no show of gas. RD swab and SIFN. On 6/19/08 will acidize the Kayente Perfs..of water with no gas and FFL at 4200'. RD swab and SIFN. On 6/18/08 SITP=0#. RU swab. IFL at 5000'. Will continue to swab. pkr.at 12173' "F" nipple at 12140' CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC@ 12556??? Load from yesterday: 40 Minus daily recovery: 26 LLTR: 14 Perfs: Zone #1: Keyenta: (6/16/08) 12275-12284 (24 holes)
6/20/2008	06:00 - 16:00	10.00	DEQ	2		On 6/19/08 SITP=100# and SICP=0# with packer set at 12173'. MIRU BJ Services. Acidize the kayenta interval 12278'-84' down tbg as follows using 1000 gal.of 15% HCL acid and 45-1" Bio-balls: Pump 10 bbl.of 2% KCL water followed by 1000 gal.of acid with the Bio-balls spaced in the acid and flush with 70 bbl.of 2% KCL water. Caught pressure with 47 bbl.total fluid pumped. Pumped into the perfs. at an average rate of 4.1 BPM with a max.psi of 4465# and some ball action with an average treating pressure of approx.4200#. ISIP=2450#; 5 min=2315#; 10 minute=2172#; 15 min=2115#. SI the well and RDMO BJ. Open the well with 2100# after a 1/2 hour SI. Flowed back 10 bbl.of water on a 32/64" choke and died. RU swab. RIH with swab and pulled to 1700' and swab line parted. Released packer and POOH with packer and tbg.and removed sand line. SIFN. On AM of 6/20/08 SICP=0#. Will RIH with packer and tbg.and swab well and run BHP bombs. pkr.at 12173' "F" nipple at 12140'.

Operations Summary Report

Legal Well Name: FR 4P-21-14-20
Common Well Name: FR 4P-21-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 6/11/2008
Rig Release:
Rig Number: 1

Spud Date: 3/30/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/20/2008	06:00 - 16:00	10.00	DEQ	2		pkr.at 12173' "F" nipple at 12140' CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC@ 12556??? Load from yesterday: 14 Minus daily recovery: 10 Plus water today: 110 LLTR: 114 Perfs: Zone #1: Keyenta: (6/16/08) 12275-12284 (24 holes)
6/23/2008	06:00 - 16:00	10.00	DEQ	2		On 6/20/08 SICP=0#. RIH with packer and tbg.and set 4-1/2" ret.pkr.at 12173'. RU swab. IFL at 1500'. Make 8 runs and recovered 25 bbl.of water with no gas with FFL at 4400' and sand line starting to fray. RD swab, MIRU PLS WL and set tandem BHP bombs at 12100' in the tbg.to test Keyenta perfs. Well would not flow. Bombs on bottom at 1:30PM on 6/20/08. Will pull bombs on 6/23/08 and change out sand lines and resume swabbing. CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC@ 12556??? Load from yesterday: 114 Minus daily recovery: 25 LLTR: 89 Perfs: Zone #1: Keyenta: (6/16/08) 12275-12284 (24 holes)
6/25/2008	06:00 - 16:00	10.00	PTST	4		On AM of 6/23/08 SITP=0# and SICP=0#. RU PLS and pull BHP bombs. Well would not flow from the Keyente perfs..Left well SI due to problems with trucking of new sandline. Sandline is now scheduled to be on location Wed.AM (6/25/08. Well will remain SI until new sandline is Installed and swabbing begins early PM on Wed.. CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? LLTR: 89 Perfs: Zone #1: Keyenta: (6/16/08) 12275-12284 (24 holes)
6/26/2008	06:00 - 16:00	10.00	SWAB	1		On PM of 6/25/08 sand line arrived. Spooled off old one and installed new sand line, SITP on 6/25/08=0#. On 6/26/08 will pour a new rope socket and swab well. CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556???

Operations Summary Report

Legal Well Name: FR 4P-21-14-20
Common Well Name: FR 4P-21-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 6/11/2008
Rig Release:
Rig Number: 1

Spud Date: 3/30/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/26/2008	06:00 - 16:00	10.00	SWAB	1		LLTR: 89 Perfs: Zone #1: Keyenta: (6/16/08) 12275-12284 (24 holes)
6/30/2008	06:00 - 16:00	10.00	SWAB	1		On 6/26/08 SITP=0# and SICP=0# with packer set from the Keyenta perfs.12276-84'. RU swab. IFL at 1500'. Make 12 swab runs and recovered 31 bbl.of water with no gas and FFL at 12340' with the last run dry. SIFN. On 6/27/08 SITP =500# and SICP=0# with packer set. Bled off tbg.in less ehan 2 minutes. RU swab. IFL at 9000'. Make 1 run and recovered 3 bbl.of water and make 3 dry runs. RD swab. Rlease packer and pull packer and tbg.to 6000'. SIFW. On 6/30/08 will swab well down to 4000' and finish POOH with packer and wireline set a CIBP and perforate additional zones. Have 5 bbl.of load to recover. CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? LLTR: 89 Perfs: Zone #1: Keyenta: (6/16/08) 12275-12284 (24 holes)
7/1/2008	06:00 - 16:00	10.00	SWAB	1		On 6/30/08 SITP =900# and SICP=1000#. Bled off well. Finish POOH with packer and tbg..MIRU Cased Hole Solutions. Wireline set a 4-1/2" CIBP at 12250' Found FL at 7600' on the way in the hole. Pump 45 bbl.of 2% KCL water down the csg..Perforate the following Entrada intervals at 3 JPF with a 3-1/8" csg.gun and 120° phasing per the CBL log dated 6/16/08: 11876-82'; 11910-11'; 11934-38' 11984-86'; 12024-25'; 12044-45' & 12134-35'; FL prior to and following perforating was 4200' with no blow or vacuum. SIFN and RDMO Cased Hole Solutions. On 7/1/08 SICP=550#. Bled off well and will RIH with packer and tbg.and breakdown the Entrada perfs.with 2% KCL water and swab..Have a total of 48 holes in the Entrada zones. CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? Perfs: Zone #1: Keyenta: (6/16/08) 12275-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45' 12134-35'.

CONFIDENTIAL

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Operations Summary Report

Legal Well Name: FR 4P-21-14-20
Common Well Name: FR 4P-21-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 6/11/2008
Rig Release:
Rig Number: 1

Spud Date: 3/30/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/11/2008	06:00 - 16:00	10.00	BOP	1		"TIGHT HOLE": Completion of new well On 6/10/08 MIRU Basin Well Service to start completion of well. NDWH and NU 7-1/16" x10M# BOP stack. Spot in equipment. SDFN. On 6/11/08 will start to tally and rabbit in the hole with bit and scraper and new tbg... CASING SIZE: 4-1/2" 13.5# P-11 CASING DEPTH: 12558' FC@ 12556???
6/12/2008	06:00 - 16:00	10.00	LOC	2		"TIGHT HOLE": Completion of new well On 6/11/08 tally and rabbit in the hole with a 3-3/4" bit and 4-1/2" csg.scraper and new 2-3/8" EUE 8rd 4.7# P-110 tbg.to 7600'. SIFN. On 6/12/08 will continue to RIH with new tbg. and circ.hole with 2% KCL water at PBTD. CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC@ 12556???
6/13/2008	06:00 - 16:00	10.00	TRP	10		"TIGHT HOLE": Completion of new well On 6/12/08 continue to tally in the hole with 3-3/4" bit and 4-1/2" csg.scraper and new 2-3/8" P-110 tbg.to tag at 12520'. Circ.hole with 2% KCL water. Pull bit to 12200' and SIFN. On 6/13/08 will POOH with bit and scraper and tbg.and SIFW. CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC@ 12556???
6/16/2008	06:00 - 16:00	10.00	TRP	10		"TIGHT HOLE": Completion of new well On 6/13/08 SITP and SICP=0# with no perfs open. Finish POOH with bit and scraper and tbg. SIFW. On 6/16/08 will run cased hole logs, pressure test and perforate intial zone. CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC@ 12556???
6/17/2008	06:00 - 16:00	10.00	BOP	1		"TIGHT HOLE": Completion of new well On 6/16/08 SCIP=0#. MIRU Cased Hole solutins and ran a CBL/VDL/GR log from tag at 12360' to 230' with top of cement est.at 580'. Correlated the log to the Schlumberger Express OH log dated 5/21/08 run #1. RU B&C Qick Test and test csg.and BOP stack and flow back manifold to 9000# and OK. RDMO Quick Test. Perforate with the hole full of 2% KCL water the following Kayenta interval at 3 JPF and 120° phasing using a 3-1/8" csg.gun per the CBL log dated 6/16/08: 12276 -12284' (24 holes). No change in fluid level and no SICP after perforating. RDMO Cased Hole Solutions and SIFN. On 6/17/08 SICP=0#. Will RIH with packer and tbg.and break down zone with KCL water and swab. CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC@ 12556??? Perfs: Zone #1: Kayenta: (6/16/08) 12276 - 12284 (24 holes)

Operations Summary Report

Legal Well Name: FR 4P-21-14-20
Common Well Name: FR 4P-21-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 6/11/2008
Rig Release:
Rig Number: 1

Spud Date: 3/30/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/18/2008	06:00 - 16:00	10.00	SWAB	1		On 6/17/08 SICP=0# RIH with a 4-1/2" ret.HD packer and tbg.and set at 12173'. Break down Kayenta perfs. 12276'-84' down tbg.with 10 bbl.of 2% KCL water as follows: Break down at 3000# and pump 10 bbl.of water into perfs.at 1/4 BPM at 2000#. Bled off well. RU swab. IFL at surface. Make 5 swab runs recovered 20 bbl.of water with no gas and FFL at 4200'. RD swab and SIFN. On 6/18/08 SITP-0#. RU swab.IFL at 5000'. Will continue to swab. CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC@ 12556??? Load from yesterday: 80 Minus daily recovery: 20 LLTR: 40 Perfs: Zone #1: Keyenta: (6/16/08) 12275-12284 (24 holes)
6/19/2008	06:00 - 16:00	10.00	SWAB	1		On 6/18/08 SITP and SICP=0# with packer set at 12173'. RU swab. IFL at 5000'. Make 5 swab runs and recovered 26 bbl.of water with no gas and swabbed down to "F" nipple at 12140'. Make 3 hourly runs with no fluid entry or recovery and no show of gas. RD swab and SIFN. On 6/19/08 will acidize the Kayente Perfs..of water with no gas and FFL at 4200'. RD swab and SIFN. On 6/18/08 SITP=0#. RU swab. IFL at 5000'. Will continue to swab. pkr.at 12173' "F" nipple at 12140' CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC@ 12556??? Load from yesterday: 40 Minus daily recovery: 26 LLTR: 14 Perfs: Zone #1: Keyenta: (6/16/08) 12275-12284 (24 holes)
6/20/2008	06:00 - 16:00	10.00	DEQ	2		On 6/19/08 SITP=100# and SICP=0# with packer set at 12173'. MIRU BJ Services. Acidize the kayenta interval 12278'-84' down tbg as follows using 1000 gal.of 15% HCL acid and 45-1" Bio-balls: Pump 10 bbl.of 2% KCL water followed by 1000 gal.of acid with the Bio-balls spaced in the acid and flush with 70 bbl.of 2% KCL water. Caught pressure with 47 bbl.total fluid pumped. Pumped into the perfs. at an average rate of 4.1 BPM with a max.psi of 4465# and some ball action with an average treating pressure of approx.4200#. ISIP=2450#; 5 min=2315#; 10 minute=2172#; 15 min=2115#. SI the well and RDMO BJ. Open the well with 2100# after a 1/2 hour SI. Flowed back 10 bbl.of water on a 32/64" choke and died. RU swab. RIH with swab and pulled to 1700' and swab line parted. Released packer and POOH with packer and tbg.and removed sand line. SIFN. On AM of 6/20/08 SICP=0#. Will RIH with packer and tbg.and swab well and run BHP bombs. pkr.at 12173' "F" nipple at 12140'.

Operations Summary Report

Legal Well Name: FR 4P-21-14-20
Common Well Name: FR 4P-21-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 6/11/2008
Rig Release:
Rig Number: 1

Spud Date: 3/30/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/20/2008	06:00 - 16:00	10.00	DEQ	2		pkr.at 12173' "F" nipple at 12140' CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC@ 12556??? Load from yesterday: 14 Minus daily recovery: 10 Plus water today: 110 LLTR: 114 Perfs: Zone #1: Keyenta: (6/16/08) 12275-12284 (24 holes)
6/23/2008	06:00 - 16:00	10.00	DEQ	2		On 6/20/08 SICP=0#. RIH with packer and tbg.and set 4-1/2" ret.pkr.at 12173'. RU swab. IFL at 1500'. Make 8 runs and recovered 25 bbl.of water with no gas with FFL at 4400' and sand line starting to fray. RD swab, MIRU PLS WL and set tandem BHP bombs at 12100' in the tbg.to test Keyenta perfs. Well would not flow. Bombs on bottom at 1:30PM on 6/20/08. Will pull bombs on 6/23/08 and change out sand lines and resume swabbing. CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC@ 12556??? Load from yesterday: 114 Minus daily recovery: 25 LLTR: 89 Perfs: Zone #1: Keyenta: (6/16/08) 12275-12284 (24 holes)
6/25/2008	06:00 - 16:00	10.00	PTST	4		On AM of 6/23/08 SITP=0# and SICP=0#. RU PLS and pull BHP bombs. Well would not flow from the Keyente perfs..Left well SI due to problems with trucking of new sandline. Sandline is now scheduled to be on location Wed.AM (6/25/08. Well will remain SI until new sandline is Installed and swabbing begins early PM on Wed.. CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? LLTR: 89 Perfs: Zone #1: Keyenta: (6/16/08) 12275-12284 (24 holes)
6/26/2008	06:00 - 16:00	10.00	SWAB	1		On PM of 6/25/08 sand line arrived. Spooled off old one and installed new sand line, SITP on 6/25/08=0#. On 6/26/08 will pour a new rope socket and swab well. CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556???

Operations Summary Report

Legal Well Name: FR 4P-21-14-20
Common Well Name: FR 4P-21-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 6/11/2008
Rig Release:
Rig Number: 1

Spud Date: 3/30/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/26/2008	06:00 - 16:00	10.00	SWAB	1		LLTR: 89 Perfs: Zone #1: Keyenta: (6/16/08) 12275-12284 (24 holes)
6/30/2008	06:00 - 16:00	10.00	SWAB	1		On 6/26/08 SITP=0# and SICP=0# with packer set from the Keyenta perfs.12276-84'. RU swab. IFL at 1500'. Make 12 swab runs and recovered 31 bbl.of water with no gas and FFL at 12340' with the last run dry. SIFN. On 6/27/08 SITP =500# and SICP=0# with packer set. Bled off tbg.in less ehan 2 minutes. RU swab. IFL at 9000'. Make 1 run and recovered 3 bbl.of water and make 3 dry runs. RD swab. Rlease packer and pull packer and tbg.to 6000'. SIFW. On 6/30/08 will swab well down to 4000' and finish POOH with packer and wireline set a CIBP and perforate additional zones. Have 5 bbl.of load to recover. CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? LLTR: 89 Perfs: Zone #1: Keyenta: (6/16/08) 12275-12284 (24 holes)
7/1/2008	06:00 - 16:00	10.00	SWAB	1		On 6/30/08 SITP =900# and SICP=1000#. Bled off well. Finish POOH with packer and tbg..MIRU Cased Hole Solutions. Wireline set a 4-1/2" CIBP at 12250' Found FL at 7600' on the way in the hole. Pump 45 bbl.of 2% KCL water down the csg..Perforate the following Entrada intervals at 3 JPF with a 3-1/8" csg.gun and 120° phasing per the CBL log dated 6/16/08: 11876-82'; 11910-11'; 11934-38' 11984-86'; 12024-25'; 12044-45' & 12134-35'; FL prior to and following perforating was 4200' with no blow or vacuum. SIFN and RDMO Cased Hole Solutions. On 7/1/08 SICP=550#. Bled off well and will RIH with packer and tbg.and breakdown the Entrada perfs.with 2% KCL water and swab..Have a total of 48 holes in the Entrada zones. CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? Perfs: Zone #1: Keyenta: (6/16/08) 12275-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45' 12134-35'.

Operations Summary Report

Legal Well Name: FR 4P-21-14-20
Common Well Name: FR 4P-21-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 6/11/2008
Rig Release:
Rig Number: 1

Spud Date: 3/30/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/2/2008	06:00 - 16:00	10.00	SWAB	1		Testing Entrada perfs. 11876 -12135' On AM of 7/1/08 SICP=500#. Bled off. RIH with 4-1/2" HD ret.packer and tbg.and set packer at 11708'. Fill tbg.with 2% KCL water and break down the Entrada perfs.at 2400# and pump 10 bbl.of 2% KCL water at 1-1/2 BPM at 1500#. RU swab. Make 9 swab runs and recovered 40 bbl.of water with IFL at surface and FFL holding at 3000'. Lite gas cut. Have 5 bbl.of load to recover. RD swab and SIFN. On 7/2/08 SITP=200#. IFL at 2000'. Will continue to swab today and run a gas analysis. CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? Minus daily recovery: 40 Plus water today: 45 LLTR: 5 Perfs: Zone #1: Keyenta: (6/16/08) 12276-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45' 12134-35'.
7/3/2008	06:00 - 16:00	10.00	SWAB	1		Testing Entrada perfs. 11876 -12135' With packer set at 11708' on AM of 7/2/08 SITP=200# and SICP=0#. Bled off tbg..RU swab. IFL at 2000'. Make 9 swab runs and recovered 43 bbl.of lite gas cut water with FFL at 3200' while pulling from 5200'. SI the well for 3-1/2 hours to build gas cap for gas analysis with the following results of the gas analysis: N2=4.008; CO-2=13.08; Methane=81.05'; BTU=864.79' Grave=0.713. Re-open the tbg.with 50#. Bled off. RU swab. IFL at 2200'. Make a total of an additional 4 swab runs after the SI period with IFL at 2200' and FFL at 3200' and holding with a final pull from 5200'. Lite gas with the water. Make a total of 14 swab runs today and recovered a total of 65 bbl.of lite gas cut water today. RD swab and SIFN. On AM of 7/3/08 SITP=200#. Bled off with IFL at 2200'. On 7/3/08 will make a few swab runs and SI the well for additional gas analysis and run pressure bombs. CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? Load from yesterday: 5 Minus daily recover: 65 LLTR: 60 Perfs: Zone #1: Keyenta: (6/16/08)

Operations Summary Report

Legal Well Name: FR 4P-21-14-20
Common Well Name: FR 4P-21-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 6/11/2008
Rig Release:
Rig Number: 1

Spud Date: 3/30/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/3/2008	06:00 - 16:00	10.00	SWAB	1		12276-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45' 12134-35'.
7/7/2008	06:00 - 16:00	10.00	SWAB	1		Testing Entrada perfs. 11876 -12135' On AM OF 7/3/08 sitp=200# and SICP=0# with packer set and testing Entrada perfs..Bled off tbg..RU swab. ILF at 2200'. Make 3 runs and recovered 15 bbl.of water with lite gas and FFL at 2900'. SI the well for 2-1/2 hours to build gas volume for gas analysis. After 2-1/2 hours built to 5#. Took a gas analysis with the following results: N2=3.38; CO2=4.01; Methane =89.55; BTU-976.77; Grave.=0.6317. Obtained water sample this AM while swabbing. MIRU PLS and ran tandem BHP bombs and set at 11650'. SI the well at 11:30AM on 7/3/08. Will pull BHP bombs on 7/5/08 and took water sample to Halliburton PM of 7/3/08. Well will remain SI until AM of 7/7/08 when swabbing will resume. CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? Load from yesterday: 60 Minus daily recover: 15 LLTR: 75 over Perfs: Zone #1: Keyenta: (6/16/08) 12276-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45' 12134-35'.
7/8/2008	06:00 - 16:00	10.00	SWAB	1		Testing Entrada perfs. 11876 -12135' On 7/7/08 SITP=300# and SICP=0# with packer set at 11708'. Bled off tbg..RU swab. IFL at 2300'. Make 17 swab runs and recovered 69 bbl.of very slight gas cut water with a final FL at 3700 and entry of 12-15 bbl.per hour. Pulling from 5700'. RD swab and SIFN. On AM of 7/8/08 SITP=100#. Bled off and RU swab. IFL at 2300'. Will continue to swab today. CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? Load from yesterday: 75 over Minus daily recover: 69 LLTR: 144 over

Operations Summary Report

Legal Well Name: FR 4P-21-14-20
Common Well Name: FR 4P-21-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 6/11/2008
Rig Release:
Rig Number: 1

Spud Date: 3/30/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/8/2008	06:00 - 16:00	10.00	SWAB	1		Perfs: Zone #1: Keyenta: (6/16/08) 12276-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45' 12134-35'.
7/9/2008	06:00 - 16:00	10.00	SWAB	1		Testing Entrada perfs. 11876 -12135' On AM of 7/8/08 SITP=100#. IFL at 2300'. Packer set at 11708'. Make 18 swab runs and recovered 70 bbl.of lite gas cut water with FFL at 3900' with an entry rate of 15 bbl.per hour. RD swab and SIFN. On 7/9/08 SITP=200# and IFL at 2300'. Released packer and will POOH with packer and tbg.and prepare well for frac on 7/10/08 CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? Load from yesterday: 144 over Minus daily recover: 70 LLTR: 214 over Perfs: Zone #1: Keyenta: (6/16/08) 12276-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45' 12134-35'.
7/10/2008	06:00 - 16:00	10.00	SWAB	1		Testing Entrada perfs. 11876 -12135' On 7/9/08 SITP=200#; SICP=0# with packer set at 11708'. RU swab. IFL at 2300'. Make 1 run and recovered 3 bbl. of water with very lite gas. Release packer and POOH with packer and tbg..SIFN. Will frac the Entrada interval 11876-12135' on 7/10/08 CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? Load from yesterday: 214 over Minus daily recover:3 LLTR: 217 over Perfs: Zone #1: Keyenta: (6/16/08) 12276-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45'

Operations Summary Report

Legal Well Name: FR 4P-21-14-20
Common Well Name: FR 4P-21-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 6/11/2008
Rig Release:
Rig Number: 1

Spud Date: 3/30/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/10/2008	06:00 - 16:00	10.00	SWAB	1		12134-35'.
7/11/2008	06:00 - 16:00	10.00	STIM	2		Testing Entrada perfs. 11876 -12135' On 7/10/08 SICP=0#, MIRU Halliburton frac crew and Stinger WH Services. Frac gross perforated Entrada interval 11876-12135' down 4-1/2" csg.using a 40# Purgell 2% KCL x-linked gel water system and CO2 as follows: Pump a 11600 gal.pad and stage 1-4 ppg 20/40 mesh sand in 15800 gal.of fluid and flush with 3755 gal.of fluid. All stages contained a 65-70% quality CO2 foam with the flush at 50% quality foam. Total load of 815 bbl..Total of 100800# of 20/40 CRC sand. Max.rate=43.8; Ave=35 BPM; Max.psi=7647#; Ave=5382#; ISIP=2448#; (FG=0.64). Used a total of 188 ton of CO2. RDMO Halliburton. Pull Stinger tool. Open the well after a 1-1/2 hr. SI period with a SICP=1050# on a 28/64" choke. Flow the well from 4:00PM on 7/10/08 to 6:00 AM on 7/11/08 and at 6:00AM on 7/11/08 FCP=550# on a 28/64" choke with an est.rate of 20 bbl.per hour for the last 3 hours with no sand and CO2 and water with a total est.recovery of 1350 bbl..Continue to flow test the well to clean up. CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? Load from yesterday: 900 Minus daily recover:1350 LLTR: 450 over Perfs: Zone #1: Keyenta: (6/16/08) 12276-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45' 12134-35'.
7/14/2008	06:00 - 16:00	10.00	OTH			Tight Hole - Testing Entrada perfs 11876 -12135'. At 6:00 AM on 7/11/08 FCP = 550# on a 28/64" choke with an est rate of 20 BPH of CO2 and water and a total est recovery of 1350 bbls. At 8:00 AM on 7/12/08 well is flowing to the pit to continue to clean up on a 26/64" choke with a FCP = 300# at an est rate of 23 BPH of water and CO2 for a cumulative recovery of 2400 bbls which is 1500 overload. At 8:00 AM on 7/13/08 well is on a 64/64" choke with 0# FCP = well has been dead for 45 minutes. At 7:00 AM the choke was a 64/64" with 40# FCP and spurts of water with an est cumulative recovery of 2970 bbls or a total of 2070 bbls over load. 24 Hour Forecast: SI the well until AM of 7/14/08. CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110

Operations Summary Report

Legal Well Name: FR 4P-21-14-20
Common Well Name: FR 4P-21-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 6/11/2008
Rig Release:
Rig Number: 1

Spud Date: 3/30/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/14/2008	06:00 - 16:00	10.00	OTH			CASING DEPTH: 12558' FC @ 12556??? Load from yesterday: 900 Minus daily recover: 2970 LLTR: 2070 over Perfs: Zone #1: Keyenta: (6/16/08) 12276-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45' 12134-35'
7/15/2008	06:00 - 16:00	10.00	TRP	2		Tight Hole - Testing Entrada perfs 11876 -12135'. On 7/14/08 SICP = 600#. Bled off with no fluid recovery. Make up 4-1/2" RBP, tbg sub, ret pkr & 1 jt of tbg & elevators unlatched & BHA fell down the hole. RIH w/ tbg & tag fish top at 12105' and screw into jt of tbg & POOH w/ tbg & all tools. SIFN. 24 Hour Forecast: Will attempt to run tools again. CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? Load from yesterday: 2070 over Minus daily recover: 0 LLTR: 2070 over Perfs: Zone #1: Keyenta: (6/16/08) 12276-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45' 12134-35'
7/16/2008	06:00 - 16:00	10.00	DEQ	2		Tight Hole - Testing Entrada perfs 11876 -12135'. On 7/16/08 SICP-300#. Bled off well with no fluid recovery. RIH with 4-1/2" ret.BP and 4-1/2" ret.packer and tbg. and set RBP at 11896'. Set packer at 11800' to isolate and swab test Entrada perfs. 11876-82'. RU swab. IFL at 2700'. Make 13 swab runs and recovered 40 bbl.of lite to med. gas cut water with FFL at 2300' with the gas having no vapor or smell. Pulling from 4300', RD swab and SIFN. On 7/16/08 SITP=350# and SICP=0#. Will continue to swab test. Have recovered a total of 40 bbl.from this interval. 24 Hour Forecast: will continue to swab test. CIBP at 12250' (6/30/08)

Operations Summary Report

Legal Well Name: FR 4P-21-14-20
Common Well Name: FR 4P-21-14-20 Spud Date: 3/30/2008
Event Name: COMPLETION Start: 6/11/2008 End:
Contractor Name: Basin Well Service Rig Release: Group:
Rig Name: BASIN WELL SERVICE Rig Number: 1

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/16/2008	06:00 - 16:00	10.00	DEQ	2		CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? Load from yesterday: 2070 over LLTR: 2070 over Perfs: Zone #1: Keyenta: (6/16/08) 12276-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45' 12134-35'
7/17/2008	06:00 - 16:00	10.00	SWAB	1		Tight Hole - Testing Entrada perfs 11876 -12135'. On AM of 7/16/08 SITP=350#. Bled off tbg.with no fluid recovery. RU swab. IFL at 2000'. Make 14 swab runs and tbg.started to flow after recovering 40 bbl.of very slight gas cut fluid with a trace of gas vapors with FFL at 1000'. Flowed the tbg.for 6 hours and recovered an additional 12 bbl.of water with a very slight show of gas with the tbg. flowing at 2 to 2-1/2 bbl.per hour. Recovered a total of 52 bbl.of water today. FTP was on a full 2" line with 0# FTP. SI at 5:00PM on 7/16/08. Will continue to flow/swab test on 7/17/08. Have recovered a total of 92 bbl.of water from Entrada zone 11876-82. CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? Load from yesterday: 2070 over LLTR: 2070 over Perfs: Zone #1: Keyenta: (6/16/08) 12276-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45' 12134-35'
7/18/2008	06:00 - 16:00	10.00	SWAB	1		On AM of 7/16/08 SITP=500# and SICP=0# with packer set at 11600'. Bled off tbg.with no fluid recovery. RU swab. IFL at 2500'. Make 10 swab runs and recovered 30 bbl.of very slight gas cut water with no vapors and tbg.started to flow. Flow the tbg.on a full 2" line with 0# FTP and recovered an additional 9 bbl.of water with very slight gas cut with no methane vapors at 2 BPH in 5 hours. Recovered a total of 39 bbl.of water today. Have recovered ta total of 132 bbl.of water from Entrada zone 11776-82'. SIFN. On 7/18/08 will release tools and POOH laying down tbg.and tools. CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110

Operations Summary Report

Legal Well Name: FR 4P-21-14-20
Common Well Name: FR 4P-21-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 6/11/2008
Rig Release:
Rig Number: 1

Spud Date: 3/30/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/18/2008	06:00 - 16:00	10.00	SWAB	1		CASING DEPTH: 12558' FC @ 12556??? Load from yesterday: 2070 over LLTR: 2070 over Perfs: Zone #1: Keyenta: (6/16/08) 12276-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45' 12134-35'
7/21/2008	06:00 - 16:00	10.00	DEQ	2		On 7/18/08 SITP=500# and SICP=0# with packer set. Bled off tbg.with no fluid recovery. Release packer at 11800' and RIH and tbg RBP at 11896' and latch onto and release RBP. Pull and lay down 270 jts.of tbg.on trailer float. SIFW. On 7/21/08 will continue to lay down remaining tbg.and tools and ND BOP's and NUWH and prepare to move rig. CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? Load from yesterday: 2070 over LLTR: 2070 over Perfs: Zone #1: Keyenta: (6/16/08) 12276-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45' 12134-35'
7/22/2008	06:00 - 16:00	10.00	BOP	1		On 7/21/08 SITP=500# & SICP=500# Bled off Tbg & csg with no fluid recovery. Finish POOH and laying down 152-jts tbg, HD packer and TS bridge plug. ND BOP's and NU Wellhead. Racked out rig equip. SWIFN On 7/22/08 will rig down and move rig to next location. CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? Load from yesterday: 2070 over LLTR: 2070 over Perfs: Zone #1: Keyenta: (6/16/08) 12276-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36'

Operations Summary Report

Legal Well Name: FR 4P-21-14-20
Common Well Name: FR 4P-21-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 6/11/2008
Rig Release:
Rig Number: 1

Spud Date: 3/30/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/22/2008	06:00 - 16:00	10.00	BOP	1		11984-86'; 12024-25'; 12044-45' 12134-35'
7/23/2008	06:00 - 16:00	10.00	LOC	3		On 7/22/08 SICP=200# Finish racking out equipment RDMO. Road rig to FR 9P-17-14-20 SDFD. On 7/23/08 will MIRU. PU and RIH with bit & scraper. CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? Load from yesterday: 2070 over LLTR: 2070 over Perfs: Zone #1: Keyenta: (6/16/08) 12276-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45' 12134-35'
8/12/2008	06:00 - 16:00	10.00	BOP	1		"TIGHT HOLE": Completion of new well. On 8/11/08 MIRU Basin WS #1 to continue with completion of well. SICP=600#. Bled off and NDWH and NU BOP's. SIFN. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12558' FC@12556??? "TIGHT HOLE" CIBP at 12250' (6/30/08) Load from yesterday: 2070 over LLTR: 2070 over Perfs: Zone #1: Kenenta: (6/16/08) 12276 -12284 (24 holes) Zone #2: Entrada: (6/30/08) 11876-82'; 11910-11'; 11934-36 11984-86'; 12024-25'; 12044-45 12134-35'
8/13/2008	06:00 - 16:00	10.00	PERF	2		"TIGHT HOLE": Completion of new well. On 8/12/08 left well SI. On 8/13/08 will set CIBP and perforate additional zones. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12558' FC@12556??? "TIGHT HOLE" CIBP at 12250' (6/30/08) Load from yesterday: 2070 over LLTR: 2070 over

Operations Summary Report

Legal Well Name: FR 4P-21-14-20
Common Well Name: FR 4P-21-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 6/11/2008
Rig Release:
Rig Number: 1

Spud Date: 3/30/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/13/2008	06:00 - 16:00	10.00	PERF	2		Perfs: Zone #1: Kenenta: (6/16/08) 12276 -12284 (24 holes) Zone #2: Entrada: (6/30/08) 11876-82'; 11910-11'; 11934-36 11984-86'; 12024-25'; 12044-45 12134-35'
8/14/2008	06:00 - 16:00	10.00	PERF	2		"TIGHT HOLE": Completion of new well. On 8/13/08 SICP=260#. Bled off. MIRU Cased Hole Solutions and wireline set a 4-1/2" CIBP at 11850'. Perforate the following intervals using a 3-1/8" csg.gun at 3 JPF and 120° phasing per the CBL log dated 6/16/08. IFL and FFL was at 2600'; Dakota Silt=10854-58'; Cedar Mtn.:=11049-57' & Cedar Mtn.=11109-13' (52 holes). RDMO Cased Hole Solutions. SI the well with the BOP's and RD Basin Well Service Rig #1. On 8/13/08 move off location pending frac dates. Report discontinued until further activity. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12558' FC@12556??? "TIGHT HOLE" CIBP at 12250' (6/30/08) CIBP 11860' (8/13/08) Perfs: Zone #1: Kenenta: (6/16/08) 12276 -12284 (24 holes) Zone #2: Entrada: (6/30/08) 11876-82'; 11910-11'; 11934-36 11984-86'; 12024-25'; 12044-45 12134-35' Zone#2: Dak.Silt and Cedar Mtn 10854-58'; 11049-57'; 11109-13
8/27/2008	06:00 - 16:00	10.00	BOP	1		"TIGHT HOLE": Completion of new well. Resumption of completion On 8/25/08 MIRU Basin Well Service #1. SICP=150#. Bled off. ND BOP's and NU frac head assembly and flow back manifold. SIFN. On 8/26/08 will MIRU Halliburton frac equipment to start fracing on 8/27/08. No report until 8/28/08 report date. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12558' FC@12556??? "TIGHT HOLE" CIBP at 12250' (6/30/08) CIBP 11860' (8/13/08) Perfs: Zone #1: Kenenta: (6/16/08) 12276 -12284 (24 holes) Zone #2: Entrada: (6/30/08) 11876-82'; 11910-11'; 11934-36

Operations Summary Report

Legal Well Name: FR 4P-21-14-20
Common Well Name: FR 4P-21-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 6/11/2008
Rig Release:
Rig Number: 1

Spud Date: 3/30/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/27/2008	06:00 - 16:00	10.00	BOP	1		11984-86'; 12024-25'; 12044-45 12134-35' Zone#2: Dak.Silt and Cedar Mtn 10854-58'; 11049-57'; 11109-13
8/28/2008	06:00 - 16:00	10.00	STIM	3		"TIGHT HOLE": Completion of new well. On 8/27/08 MIRU Halliburton frac crew. Frac the Dakota Silt and Cedar Mtn.intervals 10954-58'; 11049-57'; 11109-13', down 4-1/2" csg.as follows: Load hole with 45 bbl.of water and breakdown with 800 gal.of 15% HCL acid followed by a 2% KCL slickwater frac as follows: Pump a 7500 gal.pad andstage 0.5 to 1.25 ppg SB Excel 30/50 mesh sand in 65000 gal.of fluid with 4-5000 gal.spacers and 1-8400 gal.spacer in between sand sages and flush with 7623 gal.of slick water. Total of 62400# of sand a total load of 2570 bbl.Max.rate=51.5' Ave=48.5 BPM; Max.psi=7449#. Ave=6241#; ISP=4625# (1.04). Lubricate in a 4-1/2" comp.frac plug and set at 10820'. Stage #4. Perforate the following lower Mancos Intervals at 3 JPF using a 3-1/8" csg.gun and 120° phasing per the CBL log dated 8/16/08. 10426-27'; 10468-69'; 110512-13'; 10543-44'; 10575-76'; 10615-16'; 1-685'-68'; 10701-02'; 10742-43' & 10782-83' (30 holes). Frac this zone using a 2% KCL slickwater system as follows: Pump 800 gal.of 15% HCL at 4-6 BPM at max of 8300# and pump 0000# gal pad at same rate and 7000-8300# and when acid hit the perfs.were able to pump at 32 BPM at 7600# with pressure spiking to 8000# and pump 0.50 ppg sand and having problem keeping rate with pressure at 7800-8100# and flushed with 9500 gal.of slickwater and did not go back to sand. Total of 0700# of sand in formation and total load of 60# bbl. Did not continue with frac on this zone. Max.rate-39.9: Ave-12.6 BPM; Max.psi-8301#; Ave-7900#, #BPM-48300 (.80). Lubircate in a 4-1/2" comp.frac plug and set at 10350'. Stage #5; Perforate the following Mancos intervals perf line above.gun and log;9886'-87'; 9926'-27', 9976-77'; 10006-07; 10108-09' 10188-09'; 10218-16'; 10349-50'; 10810-11'. Frac interval per the above fluid as follows: Pump 600 gal.of 15% HCL acid followed by a 7500 gal pad and stage 0.5 to 1.5 ppg sand in 52000 gal.of and flush with 6955 gals.of slick water; Had 4 spacers of 5000 gal.each between stages total of 49800# of sand and a total load of 1565 bbl..Max.rate=49.3; Ave-48.8 BPM; Max.pad =7401# Ave=4534# ISI=4276# (86) Lubricate in a 1-1/2" comp.frac plug and set at 9830'. Stage#7: Perforate the following Mancos intervals per the above gun and log; 9776-77'; 9724-25'; 9680-81'; 9680-81'; 9836-37'; 9557-5'; 9502-03'; 9458-59'; 9433-34'; 9386-87'; 8337-38'; (30 holes). SIFN. On 8/28/08 witl continue with fracs. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12558' FC@12556??? "TIGHT HOLE" CIBP at 12250' (6/30/08) CIBP 11860' (8/13/08) Perfs: Zone #1: Kenenta: (6/16/08)

Operations Summary Report

Legal Well Name: FR 4P-21-14-20
Common Well Name: FR 4P-21-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 6/11/2008
Rig Release:
Rig Number: 1

Spud Date: 3/30/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/28/2008	06:00 - 16:00	10.00	STIM	3		12276 -12284 (24 holes) Zone #2: Entrada: (6/30/08) 11876-82'; 11910-11'; 11934-36 11984-86'; 12024-25'; 12044-45 12134-35' Zone#2: Dak.Silt and Cedar Mtn 10854-58'; 11049-57'; 11109-13 Lower Mancos: 10426'; 10468'; 10512' 10543'; 10575'; 10615'; 10685';10701', 10742'; 10782'; Plug at 10820' (Zone 4") Mancos; 9886'; 9926'; 9976'; 10006'; 10046'; 10105'; 10155'; 10215'; 01249'; 10310'; Plug at 10350' (Zone #5: Mancos 9776'; 9724'; 9680'; 9626'; 9557'; 9502'; 9458'; 9433'; 9386'; 9337'; (Zone #6) - plug at 9830'
9/2/2008	06:00 - 16:00	10.00	STIM	3		"TIGHT HOLE": Completion of new well. On 8/28/08: Zone #6: Frac Mancos gross perforated Interval 9337' to 9777' down 4-1/2" csg.using a 2% KCL slickwater system as follows: Pump 800 gal.of 15% HCL water followed by a 7800 gal.pad and stage 0.50 to 0.73 ppg 30/50 sand in 17000 gal.of water with 1-5000 gal.spacer stage and on the 0.75 ppg sand stage lost the motor on the mountain mover and flush successfully. SIFN to change out motors on mountain mover. Total of 11000 lbs. of sand and a total load of 600 bbl..Max.rate=49.3;' Ave=47.6 BPM; Max.psi=7260; Ave=6105#; ISIP=4047#; (.86). Zone #6: On 8/29/08 resume frac of this perforated Interval 9337-9777' using the same system as above as follows: Pump a 7500 gal.pad followed by 4 sand stages of 0.75 to 1.0 ppg sand with 3-7000 gal.water spacers and fluhs with 7143 gal.of slick water. Total of an additional 21600# of sand and an additional total of 1450 bbl..Max.rate of 44.7 BPM; Ave=39.5 PBM; Max.psi=8030#; Ave=7415#; ISIP=4111# (.87). Have a total of 32600# of sand in formation. Lubricate in a 4-1/2" comp frac plug and set at 9280'. Zone #7: Mancos: Perforated the following intervals at 3 JPF using a 3-1/8" csg.gunper the CBL log dated 6/16/08 using the above system as follows: Pump 800 gal.of 15% HCL followed by a 7500 gal.pad and stage 0.5 to 1.25 ppg 30/40 sand in 39500 gal.of fluid with 4 water spacers of 3500 gal.to 17500 gal.spacers and flush with 6300 gal. of slick water. Total of 37500# of sand and a total load of 1450 bbl..Max rate=49.5; Ave=43.8 BPM;Max.psi=8364#; Ave.psi=6812#; ISIP=3789# (.86). Wireline set a comp.frac plug at 8720'. Zone #8: perfs: 8810-11'; 8848-49'; 8890-91'; 8940-41'; 9881-92' 9089-90'; 9156-57'; 9204'-05'; 9234-35'; Zone #8: Perforate the following Mancos intervals per the above gun and log as follows: 8318-19'; 8344-45';, 8382-83'; 8440-41'; 8508-09'; 8542-43; 8570-71'; 8615-16'; 8643-54'; 8582-83' (30 holes). Frac zone #8 as follows using a 2% KCL slickwater system as follows: Pump 800 gal.of 15% HCL followed by a 7500 gal.pad and stage 0.50 to 1.50 ppg 30/40 sand in 52000 gal.of fluid with 4-5000 ga.water spacers and flush with 6210 gal.of slick water. Total of 50000# of sand and a total load of 1550 bbl.of water. Max.rate=49.8; Ave=49.6 BPM; Max.psi=7349#; Ave=5520#; ISIP=3479# (.85). Wireline set a comp.frac plug at 8200'. Zone #9: Perforate the following Upper Mancos Intevals using a 3-1/8" csg.gun at 3 JPF per the CBL log dated 8/16/08 as follows: 7766-67'; 7779-80'; 7796-97'; 7864-65'; 7904-05';

Operations Summary Report

Legal Well Name: FR 4P-21-14-20
Common Well Name: FR 4P-21-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 6/11/2008
Rig Release:
Rig Number: 1

Spud Date: 3/30/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/2/2008	06:00 - 16:00	10.00	STIM	3		7948-49'; 8020-21'; 8074-75'; 8126-27' 8176-77'; (30 holes). Frac this interval with a 2% KCL water system as follows: Pump 800 gal.of 15% HCL followed by a 8000 gal.pad and stage 0.5 to 1.50 ppg 30/50 sand in 42000 gal.of fluid with 4-3500 gal.water spacers and flush with 5566 gal.of slick water. Total of 37000# of sand and a total of 1430 bbl.water. Max.rate=50; Ave=49.6 BPM; Max.psi-7015# Ave=5783#; ISIP=3033#; (.82). Wireline set a comp.frac at 7620'. Zone #10" Perforate the following Blackhawk and Mancos B zone as follows: 7684-85'; 7527-28'; 7452-53'; 7418-19'; 7082-83'; 7040-41'; 7021-22**********after shooting this interval tools became stuck. Work tools after allowing well to quit any downhole flud movement in case of differential sticking by surging and pumping down on the tools. Work tools to approx.6600' and could not get any additonal movement and while pumping down on top of tools apperared to shear of tools. POOH with wireline and no tools losing setting tools and perforating guns and collar locator and suspect some wireline. RIH with sinker bar and 2-1' perforating guns and collar locator on wireline and tag 6591'. Too shallow to add additional perfs..POOH and LD tools. SIFN. Abort final frac. On 8/30/08 RDMO Halliburton. On AM of 8/30/08 after a 7 hour SI period SICP=2400#. Open the csg.on a 24/64" choke at 8:00AM on 8/30/08. At noon on 8/30/08 FCP=25# on a full 1" choke with intermittent surges of wter and gasd with gas vapors and an est.total recovery of 85 bbl..Have an est.recovery of 12 bbl.in the last 3 hurs. Open up on a full 2" choke. LLR=10900 bbl..Continue to flow the well on various chokes and full open on a 2" with various shut in times to build pressure. At 8:00AM on 8/31/08 no flow with an est.total recovery of 175 bbl.on a full 2" and well will build from 1-400# in a SI period of 2 hours. SI the well for 9 hours and well built to 2200#. Bled off the well in 20 minutes on a 32/64" choke and died after recovering 12 bbl.SI the well for 11 hours and on 9/1/08 SICP=3850#. Open the well on 32/64" choke and recovered 18 bbl.of water in 1 hour and died. Have a very lite gas blow with 100#. At noon FCP=75# with light gas and no fluid. Open up on a full 2" line to try to unload wel. Unloaded 37 bbl.after 2 hurs of being open in 1 hour and went back to slight gas blow. Kept well open overnight on a 32/64" choke and a 1" choke and at 6:00AM on 9/2/08 FCP=50# with a very light gas blow. Have recovered a total of 345 bbl.since well was opened up on Sat.AM (8/30/08). Will RIH with wireline spear today. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12558' FC@12556??? "TIGHT HOLE" CIBP at 12250' (6/30/08) CIBP 11860' (8/13/08) Perfs: Zone #1: Kenenta: (6/16/08) 12276 -12284 (24 holes) Zone #2: Entrada: (6/30/08) 11876-82'; 11910-11'; 11934-36 11984-86'; 12024-25'; 12044-45 12134-35' Zone#2: Dak.Silt and Cedar Mtn

Operations Summary Report

Legal Well Name: FR 4P-21-14-20
Common Well Name: FR 4P-21-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 6/11/2008
Rig Release:
Rig Number: 1

Spud Date: 3/30/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/2/2008	06:00 - 16:00	10.00	STIM	3		10854-58'; 11049-57'; 11109-13 Lower Mancos: 10426'; 10468'; 10512' 10543'; 10575'; 10615'; 10685';10701', 10742'; 10782'; Plug at 10820' (Zone 4") Mancos; 9886'; 9926'; 9976'; 10006'; 10046'; 10105'; 10155'; 10215'; 01249'; 10310'; Plug at 10350' (Zone #5: Mancos 9776'; 9724'; 9680'; 9626'; 9557'; 9502'; 9458'; 9433'; 9386'; 9337'; (Zone #6) - plug at 9830' (Zone #7: Mancos: 8810'; 8848'; 8890'; 8940'; 8961'; 9034'; 9069'; 9156'; 9204'; 9234'; plug at 9280') (Zone #8: Mancos.. 8318'; 8344'; 8382';, 8440'; 8608'; 8642'; 8570'; 8615' 8653'; 8682'; plug at 8720') (Zone #9: Upper Mancos: 7766'; 7779'; 7796'; 7864'; 7904'; 7948'; 8020'; 8074'; 8126'; 8176'; plug at 8220') (Zone #10: Blackhawk and Mancos B: 7021***; 7040'; 7082'; 7418'; 7452'; 7527'; 7584'; Plug at 7620' NOTE: Did not shoot 6981' & 6997')
9/3/2008	06:00 - 16:00	10.00	BOP	1		"TIGHT HOLE": Completion of new well. On 9/2/08 FCP=50# to the pit on a 3/4" and 1" choke with gas. Pump 20 bbl.of 10# brine. ND frac head assembly and NU BOP stack. Pump additional 20 bbl.of brine. Tally and rabbit in the hole with a wireline spear, bumper sub and jars and 2-3/8" 4.7# P-110 tbg.to 1880'. Had to top kill well on the way in the hole twice and used a total of 100 bbl.of brine toay for top koll purposes only. No bullheading. SIFN. On 9/3/08 will continue to pick up tbg.and continue to RIH with fishing tools. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12558' FC@12556??? "TIGHT HOLE" CIBP at 12250' (6/30/08) CIBP 11860' (8/13/08) Perfs: Zone #1: Kenenta: (6/16/08) 12276 -12284 (24 holes) Zone #2: Entrada: (6/30/08) 11876-82'; 11910-11'; 11934-36 11984-86'; 12024-25'; 12044-45 12134-35' Zone#2: Dak.Silt and Cedar Mtn 10854-58'; 11049-57'; 11109-13 Lower Mancos: 10426'; 10468'; 10512' 10543'; 10575'; 10615'; 10685';10701', 10742'; 10782'; Plug at 10820' (Zone 4") Mancos; 9886'; 9926'; 9976'; 10006'; 10046'; 10105'; 10155'; 10215'; 01249'; 10310'; Plug at 10350' (Zone #5: Mancos 9776'; 9724'; 9680'; 9626'; 9557'; 9502'; 9458'; 9433'; 9386'; 9337'; (Zone #6) - plug at 9830' (Zone #7: Mancos: 8810'; 8848'; 8890'; 8940'; 8961'; 9034'; 9069'; 9156'; 9204'; 9234'; plug at 9280') (Zone #8: Mancos.. 8318'; 8344'; 8382';, 8440'; 8608'; 8642'; 8570'; 8615' 8653'; 8682'; plug at 8720')

Operations Summary Report

Legal Well Name: FR 4P-21-14-20
Common Well Name: FR 4P-21-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 6/11/2008
Rig Release:
Rig Number: 1

Spud Date: 3/30/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/3/2008	06:00 - 16:00	10.00	BOP	1		(Zone #9: Upper Mancos: 7766'; 7779'; 7796'; 7864'; 7904'; 7948'; 8020'; 8074'; 8126'; 8176'; plug at 8220') (Zone #10: Blackhawk and Mancos B: 7021***; 7040'; 7082'; 7418'; 7452'; 7527'; 7584'; Plug at 7620' NOTE: Did not shoot 6981' & 6997')

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Operations Summary Report

Legal Well Name: FR 4P-21-14-20
Common Well Name: FR 4P-21-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 6/11/2008
Rig Release:
Rig Number: 1

Spud Date: 3/30/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/11/2008	06:00 - 16:00	10.00	BOP	1		"TIGHT HOLE": Completion of new well On 6/10/08 MIRU Basin Well Service to start completion of well. NDWH and NU 7-1/16" x10M# BOP stack. Spot in equipment. SDFN. On 6/11/08 will start to tally and rabbit in the hole with bit and scraper and new tbg... CASING SIZE: 4-1/2" 13.5# P-11 CASING DEPTH: 12558' FC@ 12556???
6/12/2008	06:00 - 16:00	10.00	LOC	2		"TIGHT HOLE": Completion of new well On 6/11/08 tally and rabbit in the hole with a 3-3/4" bit and 4-1/2" csg.scraper and new 2-3/8" EUE 8rd 4.7# P-110 tbg.to 7600'. SIFN. On 6/12/08 will continue to RIH with new tbg. and circ.hole with 2% KCL water at PBTD. CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC@ 12556???
6/13/2008	06:00 - 16:00	10.00	TRP	10		"TIGHT HOLE": Completion of new well On 6/12/08 continue to tally in the hole with 3-3/4" bit and 4-1/2" csg.scraper and new 2-3/8" P-110 tbg.to tag at 12520'. Circ.hole with 2% KCL water. Pull bit to 12200' and SIFN. On 6/13/08 will POOH with bit and scraper and tbg.and SIFW. CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC@ 12556???
6/16/2008	06:00 - 16:00	10.00	TRP	10		"TIGHT HOLE": Completion of new well On 6/13/08 SITP and SICP=0# with no perfs open. Finish POOH with bit and scraper and tbg. SIFW. On 6/16/08 will run cased hole logs, pressure test and perforate intial zone. CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC@ 12556???
6/17/2008	06:00 - 16:00	10.00	BOP	1		"TIGHT HOLE": Completion of new well On 6/16/08 SCIP=0#. MIRU Cased Hole solutins and ran a CBL/VDL/GR log from tag at 12360' to 230' with top of cement est.at 580'. Correlated the log to the Schlumberger Express OH log dated 5/21/08 run #1. RU B&C Qick Test and test csg.and BOP stack and flow back manifold to 9000# and OK. RDMO Quick Test. Perforate with the hole full of 2% KCL water the following Kayenta interval at 3 JPF and 120° phasing using a 3-1/8" csg.gun per the CBL log dated 6/16/08: 12276 -12284' (24 holes). No change in fluid level and no SICP after perforating. RDMO Cased Hole Solutions and SIFN. On 6/17/08 SICP=0#. Will RIH with packer and tbg.and break down zone with KCL water and swab. CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC@ 12556??? Perfs: Zone #1: Kayenta: (6/16/08) 12276 - 12284 (24 holes)

Operations Summary Report

Legal Well Name: FR 4P-21-14-20
Common Well Name: FR 4P-21-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 6/11/2008
Rig Release:
Rig Number: 1

Spud Date: 3/30/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/18/2008	06:00 - 16:00	10.00	SWAB	1		On 6/17/08 SICP=0# RIH with a 4-1/2" ret.HD packer and tbg.and set at 12173'. Break down Kayenta perfs. 12276'-84' down tbg.with 10 bbl.of 2% KCL water as follows: Break down at 3000# and pump 10 bbl.of water into perfs.at 1/4 BPM at 2000#. Bled off well. RU swab. IFL at surface. Make 5 swab runs recovered 20 bbl.of water with no gas and FFL at 4200'. RD swab and SIFN. On 6/18/08 SITP-0#. RU swab.IFL at 5000'. Will continue to swab. CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC@ 12556??? Load from yesterday: 80 Minus daily recovery: 20 LLTR: 40 Perfs: Zone #1: Keyenta: (6/16/08) 12275-12284 (24 holes)
6/19/2008	06:00 - 16:00	10.00	SWAB	1		On 6/18/08 SITP and SICP=0# with packer set at 12173'. RU swab. IFL at 5000'. Make 5 swab runs and recovered 26 bbl.of water with no gas and swabbed down to "F" nipple at 12140'. Make 3 hourly runs with no fluid entry or recovery and no show of gas. RD swab and SIFN. On 6/19/08 will acidize the Kayente Perfs..of water with no gas and FFL at 4200'. RD swab and SIFN. On 6/18/08 SITP=0#. RU swab. IFL at 5000'. Will continue to swab. pkr.at 12173' "F" nipple at 12140' CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC@ 12556??? Load from yesterday: 40 Minus daily recovery: 26 LLTR: 14 Perfs: Zone #1: Keyenta: (6/16/08) 12275-12284 (24 holes)
6/20/2008	06:00 - 16:00	10.00	DEQ	2		On 6/19/08 SITP=100# and SICP=0# with packer set at 12173'. MIRU BJ Services. Acidize the kayenta interval 12278'-84' down tbg as follows using 1000 gal.of 15% HCL acid and 45-1" Bio-balls: Pump 10 bbl.of 2% KCL water followed by 1000 gal.of acid with the Bio-balls spaced in the acid and flush with 70 bbl.of 2% KCL water. Caught pressure with 47 bbl.total fluid pumped. Pumped into the perfs. at an average rate of 4.1 BPM with a max.psi of 4465# and some ball action with an average treating pressure of approx.4200#. ISIP=2450#; 5 min=2315#; 10 minute=2172#; 15 min=2115#. SI the well and RDMO BJ. Open the well with 2100# after a 1/2 hour SI. Flowed back 10 bbl.of water on a 32/64" choke and died. RU swab. RIH with swab and pulled to 1700' and swab line parted. Released packer and POOH with packer and tbg.and removed sand line. SIFN. On AM of 6/20/08 SICP=0#. Will RIH with packer and tbg.and swab well and run BHP bombs. pkr.at 12173' "F" nipple at 12140'.

Operations Summary Report

Legal Well Name: FR 4P-21-14-20
Common Well Name: FR 4P-21-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 6/11/2008
Rig Release:
Rig Number: 1

Spud Date: 3/30/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/20/2008	06:00 - 16:00	10.00	DEQ	2		pkr.at 12173' "F" nipple at 12140' CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC@ 12556??? Load from yesterday: 14 Minus daily recovery: 10 Plus water today: 110 LLTR: 114 Perfs: Zone #1: Keyenta: (6/16/08) 12275-12284 (24 holes)
6/23/2008	06:00 - 16:00	10.00	DEQ	2		On 6/20/08 SICP=0#. RIH with packer and tbg.and set 4-1/2" ret.pkr.at 12173'. RU swab. IFL at 1500'. Make 8 runs and recovered 25 bbl.of water with no gas with FFL at 4400' and sand line starting to fray. RD swab, MIRU PLS WL and set tandem BHP bombs at 12100' in the tbg.to test Keyenta perfs. Well would not flow. Bombs on bottom at 1:30PM on 6/20/08. Will pull bombs on 6/23/08 and change out sand lines and resume swabbing. CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC@ 12556??? Load from yesterday: 114 Minus daily recovery: 25 LLTR: 89 Perfs: Zone #1: Keyenta: (6/16/08) 12275-12284 (24 holes)
6/25/2008	06:00 - 16:00	10.00	PTST	4		On AM of 6/23/08 SITP=0# and SICP=0#. RU PLS and pull BHP bombs. Well would not flow from the Keyente perfs..Left well SI due to problems with trucking of new sandline. Sandline is now scheduled to be on location Wed.AM (6/25/08. Well will remain SI until new sandline is Installed and swabbing begins early PM on Wed.. CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? LLTR: 89 Perfs: Zone #1: Keyenta: (6/16/08) 12275-12284 (24 holes)
6/26/2008	06:00 - 16:00	10.00	SWAB	1		On PM of 6/25/08 sand line arrived. Spooled off old one and installed new sand line, SITP on 6/25/08=0#. On 6/26/08 will pour a new rope socket and swab well. CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556???

Operations Summary Report

Legal Well Name:	FR 4P-21-14-20		
Common Well Name:	FR 4P-21-14-20		Spud Date: 3/30/2008
Event Name:	COMPLETION	Start: 6/11/2008	End:
Contractor Name:	Basin Well Service	Rig Release:	Group:
Rig Name:	BASIN WELL SERVICE	Rig Number: 1	

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/26/2008	06:00 - 16:00	10.00	SWAB	1		LLTR: 89 Perfs: Zone #1: Keyenta: (6/16/08) 12275-12284 (24 holes)
6/30/2008	06:00 - 16:00	10.00	SWAB	1		On 6/26/08 SITP=0# and SICP=0# with packer set from the Keyenta perfs.12276-84'. RU swab. IFL at 1500'. Make 12 swab runs and recovered 31 bbl.of water with no gas and FFL at 12340' with the last run dry. SIFN. On 6/27/08 SITP =500# and SICP=0# with packer set. Bled off tbg.in less ehan 2 minutes. RU swab. IFL at 9000'. Make 1 run and recovered 3 bbl.of water and make 3 dry runs. RD swab. Rlease packer and pull packer and tbg.to 6000'. SIFW. On 6/30/08 will swab well down to 4000' and finish POOH with packer and wireline set a CIBP and perforate additional zones. Have 5 bbl.of load to recover. CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? LLTR: 89 Perfs: Zone #1: Keyenta: (6/16/08) 12275-12284 (24 holes)
7/1/2008	06:00 - 16:00	10.00	SWAB	1		On 6/30/08 SITP =900# and SICP=1000#. Bled off well. Finish POOH with packer and tbg..MIRU Cased Hole Solutions. Wireline set a 4-1/2" CIBP at 12250' Found FL at 7600' on the way in the hole. Pump 45 bbl.of 2% KCL water down the csg..Perforate the following Entrada intervals at 3 JPF with a 3-1/8" csg.gun and 120° phasing per the CBL log dated 6/16/08: 11876-82'; 11910-11'; 11934-38' 11984-86'; 12024-25'; 12044-45' & 12134-35'; FL prior to and following perforating was 4200' with no blow or vacuum. SIFN and RDMO Cased Hole Solutions. On 7/1/08 SICP=550#. Bled off well and will RIH with packer and tbg.and breakdown the Entrada perfs.with 2% KCL water and swab..Have a total of 48 holes in the Entrada zones. CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? Perfs: Zone #1: Keyenta: (6/16/08) 12275-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45' 12134-35'.

Operations Summary Report

Legal Well Name: FR 4P-21-14-20
Common Well Name: FR 4P-21-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 6/11/2008
Rig Release:
Rig Number: 1

Spud Date: 3/30/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/2/2008	06:00 - 16:00	10.00	SWAB	1		Testing Entrada perfs. 11876 -12135' On AM of 7/1/08 SICP=500#. Bled off. RIH with 4-1/2" HD ret.packer and tbg.and set packer at 11708'. Fill tbg.with 2% KCL water and break down the Entrada perfs.at 2400# and pump 10 bbl.of 2% KCL water at 1-1/2 BPM at 1500#. RU swab. Make 9 swab runs and recovered 40 bbl.of water with IFL at surface and FFL holding at 3000'. Lite gas cut. Have 5 bbl.of load to recover. RD swab and SIFN. On 7/2/08 SITP=200#. IFL at 2000'. Will continue to swab today and run a gas analysis. CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? Minus daily recovery: 40 Plus water today: 45 LLTR: 5 Perfs: Zone #1: Keyenta: (6/16/08) 12276-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45' 12134-35'.
7/3/2008	06:00 - 16:00	10.00	SWAB	1		Testing Entrada perfs. 11876 -12135' With packer set at 11708' on AM of 7/2/08 SITP=200# and SICP=0#. Bled off tbg..RU swab. IFL at 2000'. Make 9 swab runs and recovered 43 bbl.of lite gas cut water with FFL at 3200' while pulling from 5200'. SI the well for 3-1/2 hours to build gas cap for gas analysis with the following results of the gas analysis: N2=4.008; CO-2=13.08; Methane=81.05'; BTU=864.79' Grave=0.713. Re-open the tbg.with 50#. Bled off. RU swab. IFL at 2200'. Make a total of an additional 4 swab runs after the SI period with IFL at 2200' and FFL at 3200' and holding with a final pull from 5200'. Lite gas with the water. Make a total of 14 swab runs today and recovered a total of 65 bbl.of lite gas cut water today. RD swab and SIFN. On AM of 7/3/08 SITP=200#. Bled off with IFL at 2200'. On 7/3/08 will make a few swab runs and SI the well for additional gas analysis and run pressure bombs. CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? Load from yesterday: 5 Minus daily recover: 65 LLTR: 60 Perfs: Zone #1: Keyenta: (6/16/08)

Operations Summary Report

Legal Well Name:	FR 4P-21-14-20		
Common Well Name:	FR 4P-21-14-20		Spud Date: 3/30/2008
Event Name:	COMPLETION	Start: 6/11/2008	End:
Contractor Name:	Basin Well Service	Rig Release:	Group:
Rig Name:	BASIN WELL SERVICE	Rig Number: 1	

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/3/2008	06:00 - 16:00	10.00	SWAB	1		12276-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45' 12134-35'.
7/7/2008	06:00 - 16:00	10.00	SWAB	1		Testing Entrada perfs. 11876 -12135' On AM OF 7/3/08 sitp=200# and SICP=0# with packer set and testing Entrada perfs..Bled off tbg..RU swab. ILF at 2200'. Make 3 runs and recovered 15 bbl.of water with lite gas and FFL at 2900'. SI the well for 2-1/2 hours to build gas volume for gas analysis. After 2-1/2 hours built to 5#. Took a gas analysis with the following results: N2=3.38; CO2=4.01; Methane =89.55; BTU-976.77; Grave.=0.6317. Obtained water sample this AM while swabbing. MIRU PLS and ran tandem BHP bombs and set at 11650'. SI the well at 11:30AM on 7/3/08. Will pull BHP bombs on 7/5/08 and took water sample to Halliburton PM of 7/3/08. Well will remain SI until AM of 7/7/08 when swabbing will resume. CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? Load from yesterday: 60 Minus daily recover: 15 LLTR: 75 over Perfs: Zone #1: Keyenta: (6/16/08) 12276-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45' 12134-35'.
7/8/2008	06:00 - 16:00	10.00	SWAB	1		Testing Entrada perfs. 11876 -12135' On 7/7/08 SITP=300# and SICP=0# with packer set at 11708'. Bled off tbg..RU swab. IFL at 2300'. Make 17 swab runs and recovered 69 bbl.of very slight gas cut water with a final FL at 3700 and entry of 12-15 bbl.per hour. Pulling from 5700'. RD swab and SIFN. On AM of 7/8/08 SITP=100#. Bled off and RU swab. IFL at 2300'. Will continue to swab today. CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? Load from yesterday: 75 over Minus daily recover: 69 LLTR: 144 over

Operations Summary Report

Legal Well Name: FR 4P-21-14-20
Common Well Name: FR 4P-21-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 6/11/2008
Rig Release:
Rig Number: 1

Spud Date: 3/30/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/8/2008	06:00 - 16:00	10.00	SWAB	1		Perfs: Zone #1: Keyenta: (6/16/08) 12276-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45' 12134-35'.
7/9/2008	06:00 - 16:00	10.00	SWAB	1		Testing Entrada perfs. 11876 -12135' On AM of 7/8/08 SITP=100#. IFL at 2300'. Packer set at 11708'. Make 18 swab runs and recovered 70 bbl.of lite gas cut water with FFL at 3900' with an entry rate of 15 bbl.per hour. RD swab and SIFN. On 7/9/08 SITP=200# and IFL at 2300'. Released packer and will POOH with packer and tbg.and prepare well for frac on 7/10/08 CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? Load from yesterday: 144 over Minus daily recover: 70 LLTR: 214 over Perfs: Zone #1: Keyenta: (6/16/08) 12276-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45' 12134-35'.
7/10/2008	06:00 - 16:00	10.00	SWAB	1		Testing Entrada perfs. 11876 -12135' On 7/9/08 SITP=200#; SICP=0# with packer set at 11708'. RU swab. IFL at 2300'. Make 1 run and recovered 3 bbl. of water with very lite gas. Release packer and POOH with packer and tbg..SIFN. Will frac the Entrada interval 11876-12135' on 7/10/08 CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? Load from yesterday: 214 over Minus daily recover:3 LLTR: 217 over Perfs: Zone #1: Keyenta: (6/16/08) 12276-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45'

Operations Summary Report

Legal Well Name:	FR 4P-21-14-20		
Common Well Name:	FR 4P-21-14-20		Spud Date: 3/30/2008
Event Name:	COMPLETION	Start: 6/11/2008	End:
Contractor Name:	Basin Well Service	Rig Release:	Group:
Rig Name:	BASIN WELL SERVICE	Rig Number: 1	

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/10/2008	06:00 - 16:00	10.00	SWAB	1		12134-35'.
7/11/2008	06:00 - 16:00	10.00	STIM	2		Testing Entrada perfs. 11876 -12135' On 7/10/08 SICP=0#, MIRU Halliburton frac crew and Stinger WH Services. Frac gross perforated Entrada interval 11876-12135' down 4-1/2" csg.using a 40# Purgell 2% KCL x-linked gel water system and CO2 as follows: Pump a 11600 gal.pad and stage 1-4 ppg 20/40 mesh sand in 15800 gal.of fluid and flush with 3755 gal.of fluid. All stages contained a 65-70% quality CO2 foam with the flush at 50% quality foam. Total load of 815 bbl..Total of 100800# of 20/40 CRC sand. Max.rate=43.8; Ave=35 BPM; Max.psi=7647#; Ave=5382#; ISIP=2448#; (FG=0.64). Used a total of 188 ton of CO2. RDMO Halliburton. Pull Stinger tool. Open the well after a 1-1/2 hr. SI period with a SICP=1050# on a 28/64" choke. Flow the well from 4:00PM on 7/10/08 to 6:00 AM on 7/11/08 and at 6:00AM on 7/11/08 FCP=550# on a 28/64" choke with an est.rate of 20 bbl.per hour for the last 3 hours with no sand and CO2 and water with a total est.recovery of 1350 bbl..Continue to flow test the well to clean up. CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? Load from yesterday: 900 Minus daily recover:1350 LLTR: 450 over Perfs: Zone #1: Keyenta: (6/16/08) 12276-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45' 12134-35'.
7/14/2008	06:00 - 16:00	10.00	OTH			Tight Hole - Testing Entrada perfs 11876 -12135'. At 6:00 AM on 7/11/08 FCP = 550# on a 28/64" choke with an est rate of 20 BPH of CO2 and water and a total est recovery of 1350 bbls. At 8:00 AM on 7/12/08 well is flowing to the pit to continue to clean up on a 26/64" choke with a FCP = 300# at an est rate of 23 BPH of water and CO2 for a cumulative recovery of 2400 bbls which is 1500 overload. At 8:00 AM on 7/13/08 well is on a 64/64" choke with 0# FCP = well has been dead for 45 minutes. At 7:00 AM the choke was a 64/64" with 40# FCP and spurts of water with an est cumulative recovery of 2970 bbls or a total of 2070 bbls over load. 24 Hour Forecast: SI the well until AM of 7/14/08. CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110

Operations Summary Report

Legal Well Name: FR 4P-21-14-20
Common Well Name: FR 4P-21-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 6/11/2008
Rig Release:
Rig Number: 1

Spud Date: 3/30/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/14/2008	06:00 - 16:00	10.00	OTH			CASING DEPTH: 12558' FC @ 12556??? Load from yesterday: 900 Minus daily recover: 2970 LLTR: 2070 over Perfs: Zone #1: Keyenta: (6/16/08) 12276-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45' 12134-35'
7/15/2008	06:00 - 16:00	10.00	TRP	2		Tight Hole - Testing Entrada perfs 11876 -12135'. On 7/14/08 SICP = 600#. Bled off with no fluid recovery. Make up 4-1/2" RBP, tbg sub, ret pkr & 1 jt of tbg & elevators unlatched & BHA fell down the hole. RIH w/ tbg & tag fish top at 12105' and screw into jt of tbg & POOH w/ tbg & all tools. SIFN. 24 Hour Forecast: Will attempt to run tools again. CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? Load from yesterday: 2070 over Minus daily recover: 0 LLTR: 2070 over Perfs: Zone #1: Keyenta: (6/16/08) 12276-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45' 12134-35'
7/16/2008	06:00 - 16:00	10.00	DEQ	2		Tight Hole - Testing Entrada perfs 11876 -12135'. On 7/16/08 SICP-300#. Bled off well with no fluid recovery. RIH with 4-1/2" ret.BP and 4-1/2" ret.packer and tbg. and set RBP at 11896'. Set packer at 11800' to isolate and swab test Entrada perfs. 11876-82'. RU swab. IFL at 2700'. Make 13 swab runs and recovered 40 bbl.of lite to med. gas cut water with FFL at 2300' with the gas having no vapor or smell. Pulling from 4300', RD swab and SIFN. On 7/16/08 SITP=350# and SICP=0#. Will continue to swab test. Have recovered a total of 40 bbl.from this interval. 24 Hour Forecast: will continue to swab test. CIBP at 12250' (6/30/08)

Operations Summary Report

Legal Well Name:	FR 4P-21-14-20		
Common Well Name:	FR 4P-21-14-20		Spud Date: 3/30/2008
Event Name:	COMPLETION	Start: 6/11/2008	End:
Contractor Name:	Basin Well Service	Rig Release:	Group:
Rig Name:	BASIN WELL SERVICE	Rig Number: 1	

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/16/2008	06:00 - 16:00	10.00	DEQ	2		CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? Load from yesterday: 2070 over LLTR: 2070 over Perfs: Zone #1: Keyenta: (6/16/08) 12276-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45' 12134-35'
7/17/2008	06:00 - 16:00	10.00	SWAB	1		Tight Hole - Testing Entrada perfs 11876 -12135'. On AM of 7/16/08 SITP=350#. Bled off tbg.with no fluid recovery. RU swab. IFL at 2000'. Make 14 swab runs and tbg.started to flow after recovering 40 bbl.of very slight gas cut fluid with a trace of gas vapors with FFL at 1000'. Flowed the tbg.for 6 hours and recovered an additional 12 bbl.of water with a very slight show of gas with the tbg. flowing at 2 to 2-1/2 bbl.per hour. Recovered a total of 52 bbl.of water today. FTP was on a full 2" line with 0# FTP. SI at 5:00PM on 7/16/08. Will continue to flow/swab test on 7/17/08. Have recovered a total of 92 bbl.of water from Entrada zone 11876-82. CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? Load from yesterday: 2070 over LLTR: 2070 over Perfs: Zone #1: Keyenta: (6/16/08) 12276-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45' 12134-35'
7/18/2008	06:00 - 16:00	10.00	SWAB	1		On AM of 7/16/08 SITP=500# and SICP=0# with packer set at 11600'. Bled off tbg.with no fluid recovery. RU swab. IFL at 2500'. Make 10 swab runs and recovered 30 bbl.of very slight gas cut water with no vapors and tbg.started to flow. Flow the tbg.on a full 2" line with 0# FTP and recovered an additional 9 bbl.of water with very slight gas cut with no methane vapors at 2 BPH in 5 hours. Recovered a total of 39 bbl.of water today. Have recovered ta total of 132 bbl.of water from Entrada zone 11776-82'. SIFN. On 7/18/08 will release tools and POOH laying down tbg.and tools. CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110

Operations Summary Report

Legal Well Name: FR 4P-21-14-20
Common Well Name: FR 4P-21-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 6/11/2008
Rig Release:
Rig Number: 1

Spud Date: 3/30/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/18/2008	06:00 - 16:00	10.00	SWAB	1		CASING DEPTH: 12558' FC @ 12556??? Load from yesterday: 2070 over LLTR: 2070 over Perfs: Zone #1: Keyenta: (6/16/08) 12276-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45' 12134-35'
7/21/2008	06:00 - 16:00	10.00	DEQ	2		On 7/18/08 SITP=500# and SICP=0# with packer set. Bled off tbg.with no fluid recovery. Release packer at 11800' and RIH and tbg RBP at 11896' and latch onto and release RBP. Pull and lay down 270 jts.of tbg.on trailer float. SIFW. On 7/21/08 will continue to lay down remaining tbg.and tools and ND BOP's and NUWH and prepare to move rig. CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? Load from yesterday: 2070 over LLTR: 2070 over Perfs: Zone #1: Keyenta: (6/16/08) 12276-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45' 12134-35'
7/22/2008	06:00 - 16:00	10.00	BOP	1		On 7/21/08 SITP=500# & SICP=500# Bled off Tbg & csg with no fluid recovery. Finish POOH and laying down 152-jts tbg, HD packer and TS bridge plug. ND BOP's and NU Wellhead. Racked out rig equip. SWIFN On 7/22/08 will rig down and move rig to next location. CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? Load from yesterday: 2070 over LLTR: 2070 over Perfs: Zone #1: Keyenta: (6/16/08) 12276-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36'

Operations Summary Report

Legal Well Name: FR 4P-21-14-20
Common Well Name: FR 4P-21-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 6/11/2008
Rig Release:
Rig Number: 1

Spud Date: 3/30/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/22/2008	06:00 - 16:00	10.00	BOP	1		11984-86'; 12024-25'; 12044-45' 12134-35'
7/23/2008	06:00 - 16:00	10.00	LOC	3		On 7/22/08 SICP=200# Finish racking out equipment RDMO. Road rig to FR 9P-17-14-20 SDFD. On 7/23/08 will MIRU. PU and RIH with bit & scraper. CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? Load from yesterday: 2070 over LLTR: 2070 over Perfs: Zone #1: Keyenta: (6/16/08) 12276-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45' 12134-35'
8/12/2008	06:00 - 16:00	10.00	BOP	1		"TIGHT HOLE": Completion of new well. On 8/11/08 MIRU Basin WS #1 to continue with completion of well. SICP=600#. Bled off and NDWH and NU BOP's. SIFN. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12558' FC@12556??? "TIGHT HOLE" CIBP at 12250' (6/30/08) Load from yesterday: 2070 over LLTR: 2070 over Perfs: Zone #1: Kenenta: (6/16/08) 12276 -12284 (24 holes) Zone #2: Entrada: (6/30/08) 11876-82'; 11910-11'; 11934-36 11984-86'; 12024-25'; 12044-45 12134-35'
8/13/2008	06:00 - 16:00	10.00	PERF	2		"TIGHT HOLE": Completion of new well. On 8/12/08 left well SI. On 8/13/08 will set CIBP and perforate additional zones. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12558' FC@12556??? "TIGHT HOLE" CIBP at 12250' (6/30/08) Load from yesterday: 2070 over LLTR: 2070 over

Operations Summary Report

Legal Well Name: FR 4P-21-14-20
Common Well Name: FR 4P-21-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 6/11/2008
Rig Release:
Rig Number: 1

Spud Date: 3/30/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/13/2008	06:00 - 16:00	10.00	PERF	2		Perfs: Zone #1: Kenenta: (6/16/08) 12276 -12284 (24 holes) Zone #2: Entrada: (6/30/08) 11876-82'; 11910-11'; 11934-36 11984-86'; 12024-25'; 12044-45 12134-35'
8/14/2008	06:00 - 16:00	10.00	PERF	2		"TIGHT HOLE": Completion of new well. On 8/13/08 SICP=260#. Bled off. MIRU Cased Hole Solutions and wireline set a 4-1/2" CIBP at 11850'. Perforate the following intervals using a 3-1/8" csg.gun at 3 JPF and 120° phasing per the CBL log dated 6/16/08. IFL and FFL was at 2600'; Dakota Silt=10854-58'; Cedar Mtn.:=11049-57' & Cedar Mtn.=11109-13' (52 holes). RDMO Cased Hole Solutions. SI the well with the BOP's and RD Basin Well Service Rig #1. On 8/13/08 move off location pending frac dates. Report discontinued until further activity. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12558' FC@12556??? "TIGHT HOLE" CIBP at 12250' (6/30/08) CIBP 11860' (8/13/08) Perfs: Zone #1: Kenenta: (6/16/08) 12276 -12284 (24 holes) Zone #2: Entrada: (6/30/08) 11876-82'; 11910-11'; 11934-36 11984-86'; 12024-25'; 12044-45 12134-35' Zone#2: Dak.Silt and Cedar Mtn 10854-58'; 11049-57'; 11109-13
8/27/2008	06:00 - 16:00	10.00	BOP	1		"TIGHT HOLE": Completion of new well. Resumption of completion On 8/25/08 MIRU Basin Well Service #1. SICP=150#. Bled off. ND BOP's and NU frac head assembly and flow back manifold. SIFN. On 8/26/08 will MIRU Halliburton frac equipment to start fracing on 8/27/08. No report until 8/28/08 report date. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12558' FC@12556??? "TIGHT HOLE" CIBP at 12250' (6/30/08) CIBP 11860' (8/13/08) Perfs: Zone #1: Kenenta: (6/16/08) 12276 -12284 (24 holes) Zone #2: Entrada: (6/30/08) 11876-82'; 11910-11'; 11934-36

Operations Summary Report

Legal Well Name: FR 4P-21-14-20
Common Well Name: FR 4P-21-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 6/11/2008
Rig Release:
Rig Number: 1

Spud Date: 3/30/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/27/2008	06:00 - 16:00	10.00	BOP	1		11984-86'; 12024-25'; 12044-45 12134-35' Zone#2: Dak.Silt and Cedar Mtn 10854-58'; 11049-57'; 11109-13
8/28/2008	06:00 - 16:00	10.00	STIM	3		"TIGHT HOLE": Completion of new well. On 8/27/08 MIRU Halliburton frac crew. Frac the Dakota Silt and Cedar Mtn.intervals 10954-58'; 11049-57'; 11109-13', down 4-1/2" csg.as follows: Load hole with 45 bbl.of water and breakdown with 800 gal.of 15% HCL acid followed by a 2% KCL slickwater frac as follows: Pump a 7500 gal.pad andstage 0.5 to 1.25 ppg SB Excel 30/50 mesh sand in 65000 gal.of fluid with 4-5000 gal.spacers and 1-8400 gal.spacer in between sand sages and flush with 7623 gal.of slick water. Total of 62400# of sand a total load of 2570 bbl.Max.rate=51.5' Ave=48.5 BPM; Max.psi=7449#. Ave=6241#; ISP=4625# (1.04). Lubricate in a 4-1/2" comp.frac plug and set at 10820'. Stage #4. Perforate the following lower Mancos Intervals at 3 JPF using a 3-1/8" csg.gun and 120° phasing per the CBL log dated 8/16/08. 10426-27'; 10468-69'; 110512-13'; 10543-44'; 10575-76'; 10615-16'; 1-685'-68'; 10701-02'; 10742-43' & 10782-83' (30 holes). Frac this zone using a 2% KCL slickwater system as follows: Pump 800 gal.of 15% HCL at 4-6 BPM at max of 8300# and pump 0000# gal pad at same rate and 7000-8300# and when acid hit the perfs.were able to pump at 32 BPM at 7600# with pressure spiking to 8000# and pump 0.50 ppg sand and having problem keeping rate with pressure at 7800-8100# and flushed with 9500 gal.of slickwater and did not go back to sand. Total of 0700# of sand in formation and total load of 60# bbl. Did not continue with frac on this zone. Max.rate-39.9: Ave-12.6 BPM; Max.psi-8301#; Ave-7900#, #BPM-48300 (.80). Lubircate in a 4-1/2" comp.frac plug and set at 10350'. Stage #5; Perforate the following Mancos intervals perf line above.gun and log;9886'-87'; 9926'-27', 9976-77'; 10006-07; 10108-09' 10188-09'; 10218-16'; 10349-50'; 10810-11'. Frac interval per the above fluid as follows: Pump 600 gal.of 15% HCL acid followed by a 7500 gal pad and stage 0.5 to 1.5 ppg sand in 52000 gal.of and flush with 6955 gals.of slick water; Had 4 spacers of 5000 gal.each between stages total of 49800# of sand and a total load of 1565 bbl..Max.rate=49.3; Ave-48.8 BPM; Max.pad =7401# Ave=4534# ISI=4276# (86) Lubricate in a 1-1/2" comp.frac plug and set at 9830'. Stage#7: Perforate the following Mancos intervals per the above gun and log; 9776-77'; 9724-25'; 9680-81'; 9680-81'; 9836-37'; 9557-5'; 9502-03'; 9458-59'; 9433-34'; 9386-87'; 8337-38'; (30 holes). SIFN. On 8/28/08 witl continue with fracs. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12558' FC@12556??? "TIGHT HOLE" CIBP at 12250' (6/30/08) CIBP 11860' (8/13/08) Perfs: Zone #1: Kenenta: (6/16/08)

Operations Summary Report

Legal Well Name: FR 4P-21-14-20
Common Well Name: FR 4P-21-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 6/11/2008
Rig Release:
Rig Number: 1

Spud Date: 3/30/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/28/2008	06:00 - 16:00	10.00	STIM	3		12276 -12284 (24 holes) Zone #2: Entrada: (6/30/08) 11876-82'; 11910-11'; 11934-36 11984-86'; 12024-25'; 12044-45 12134-35' Zone#2: Dak.Silt and Cedar Mtn 10854-58'; 11049-57'; 11109-13 Lower Mancos: 10426'; 10468'; 10512' 10543'; 10575'; 10615'; 10685';10701', 10742'; 10782'; Plug at 10820' (Zone 4") Mancos; 9886'; 9926'; 9976'; 10006'; 10046'; 10105'; 10155'; 10215'; 01249'; 10310'; Plug at 10350' (Zone #5: Mancos 9776'; 9724'; 9680'; 9626'; 9557'; 9502'; 9458'; 9433'; 9386'; 9337'; (Zone #6) - plug at 9830'
9/2/2008	06:00 - 16:00	10.00	STIM	3		"TIGHT HOLE": Completion of new well. On 8/28/08: Zone #6: Frac Mancos gross perforated Interval 9337' to 9777' down 4-1/2" csg.using a 2% KCL slickwater system as follows: Pump 800 gal.of 15% HCL water followed by a 7800 gal.pad and stage 0.50 to 0.73 ppg 30/50 sand in 17000 gal.of water with 1-5000 gal.spacer stage and on the 0.75 ppg sand stage lost the motor on the mountain mover and flush successfully. SIFN to change out motors on mountain mover. Total of 11000 lbs. of sand and a total load of 600 bbl..Max.rate=49.3;' Ave=47.6 BPM; Max.psi=7260; Ave=6105#; ISIP=4047#; (.86). Zone #6: On 8/29/08 resume frac of this perforated Interval 9337-9777' using the same system as above as follows: Pump a 7500 gal.pad followed by 4 sand stages of 0.75 to 1.0 ppg sand with 3-7000 gal.water spacers and fluhs with 7143 gal.of slick water. Total of an additional 21600# of sand and an additional total of 1450 bbl..Max.rate of 44.7 BPM; Ave=39.5 PBM; Max.psi=8030#; Ave=7415#; ISIP=4111# (.87). Have a total of 32600# of sand in formation. Lubricate in a 4-1/2" comp frac plug and set at 9280'. Zone #7: Mancos: Perforated the following intervals at 3 JPF using a 3-1/8" csg.gunper the CBL log dated 6/16/08 using the above system as follows: Pump 800 gal.of 15% HCL followed by a 7500 gal.pad and stage 0.5 to 1.25 ppg 30/40 sand in 39500 gal.of fluid with 4 water spacers of 3500 gal.to 17500 gal.spacers and flush with 6300 gal. of slick water. Total of 37500# of sand and a total load of 1450 bbl..Max rate=49.5; Ave=43.8 BPM;Max.psi=8364#; Ave.psi=6812#; ISIP=3789# (.86). Wireline set a comp.frac plug at 8720'. Zone #8: perfs: 8810-11'; 8848-49'; 8890-91'; 8940-41'; 9881-92' 9089-90'; 9156-57'; 9204'-05'; 9234-35'; Zone #8: Perforate the following Mancos intervals per the above gun and log as follows: 8318-19'; 8344-45';, 8382-83'; 8440-41'; 8508-09'; 8542-43; 8570-71'; 8615-16'; 8643-54'; 8582-83' (30 holes). Frac zone #8 as follows using a 2% KCL slickwater system as follows: Pump 800 gal.of 15% HCL followed by a 7500 gal.pad and stage 0.50 to 1.50 ppg 30/40 sand in 52000 gal.of fluid with 4-5000 ga.water spacers and flush with 6210 gal.of slick water. Total of 50000# of sand and a total load of 1550 bbl.of water. Max.rate=49.8; Ave=49.6 BPM; Max.psi=7349#; Ave=5520#; ISIP=3479# (.85). Wireline set a comp.frac plug at 8200'. Zone #9: Perforate the following Upper Mancos Intevals using a 3-1/8" csg.gun at 3 JPF per the CBL log dated 8/16/08 as follows: 7766-67'; 7779-80'; 7796-97'; 7864-65'; 7904-05';

Operations Summary Report

Legal Well Name:	FR 4P-21-14-20		
Common Well Name:	FR 4P-21-14-20		Spud Date: 3/30/2008
Event Name:	COMPLETION	Start: 6/11/2008	End:
Contractor Name:	Basin Well Service	Rig Release:	Group:
Rig Name:	BASIN WELL SERVICE	Rig Number: 1	

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/2/2008	06:00 - 16:00	10.00	STIM	3		7948-49'; 8020-21'; 8074-75'; 8126-27' 8176-77'; (30 holes). Frac this interval with a 2% KCL water system as follows: Pump 800 gal.of 15% HCL followed by a 8000 gal.pad and stage 0.5 to 1.50 ppg 30/50 sand in 42000 gal.of fluid with 4-3500 gal.water spacers and flush with 5566 gal.of slick water. Total of 37000# of sand and a total of 1430 bbl.water. Max.rate=50; Ave=49.6 BPM; Max.psi-7015# Ave=5783#; ISIP=3033#; (.82). Wireline set a comp.frac at 7620'. Zone #10" Perforate the following Blackhawk and Mancos B zone as follows: 7684-85'; 7527-28'; 7452-53'; 7418-19'; 7082-83'; 7040-41'; 7021-22**********after shooting this interval tools became stuck. Work tools after allowing well to quit any downhole flud movement in case of differential sticking by surging and pumping down on the tools. Work tools to approx.6600' and could not get any additonal movement and while pumping down on top of tools apperared to shear of tools. POOH with wireline and no tools losing setting tools and perforating guns and collar locator and suspect some wireline. RIH with sinker bar and 2-1' perforating guns and collar locator on wireline and tag 6591'. Too shallow to add additional perfs..POOH and LD tools. SIFN. Abort final frac. On 8/30/08 RDMO Halliburton. On AM of 8/30/08 after a 7 hour SI period SICP=2400#. Open the csg.on a 24/64" choke at 8:00AM on 8/30/08. At noon on 8/30/08 FCP=25# on a full 1" choke with intermittent surges of wter and gasd with gas vapors and an est.total recovery of 85 bbl..Have an est.recovery of 12 bbl.in the last 3 hurs. Open up on a full 2" choke. LLR=10900 bbl..Continue to flow the well on various chokes and full open on a 2" with various shut in times to build pressure. At 8:00AM on 8/31/08 no flow with an est.total recovery of 175 bbl.on a full 2" and well will build from 1-400# in a SI period of 2 hours. SI the well for 9 hours and well built to 2200#. Bled off the well in 20 minutes on a 32/64" choke and died after recovering 12 bbl.SI the well for 11 hours and on 9/1/08 SICP=3850#. Open the well on 32/64" choke and recovered 18 bbl.of water in 1 hour and died. Have a very lite gas blow with 100#. At noon FCP=75# with light gas and no fluid. Open up on a full 2" line to try to unload wel. Unloaded 37 bbl.after 2 hurs of being open in 1 hour and went back to slight gas blow. Kept well open overnight on a 32/64" choke and a 1" choke and at 6:00AM on 9/2/08 FCP=50# with a very light gas blow. Have recovered a total of 345 bbl.since well was opened up on Sat.AM (8/30/08). Will RIH with wireline spear today. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12558' FC@12556??? "TIGHT HOLE" CIBP at 12250' (6/30/08) CIBP 11860' (8/13/08) Perfs: Zone #1: Kenenta: (6/16/08) 12276 -12284 (24 holes) Zone #2: Entrada: (6/30/08) 11876-82'; 11910-11'; 11934-36 11984-86'; 12024-25'; 12044-45 12134-35' Zone#2: Dak.Silt and Cedar Mtn

Operations Summary Report

Legal Well Name: FR 4P-21-14-20
Common Well Name: FR 4P-21-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 6/11/2008
Rig Release:
Rig Number: 1

Spud Date: 3/30/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/2/2008	06:00 - 16:00	10.00	STIM	3		10854-58'; 11049-57'; 11109-13 Lower Mancos: 10426'; 10468'; 10512' 10543'; 10575'; 10615'; 10685';10701', 10742'; 10782'; Plug at 10820' (Zone 4") Mancos; 9886'; 9926'; 9976'; 10006'; 10046'; 10105'; 10155'; 10215'; 01249'; 10310'; Plug at 10350' (Zone #5: Mancos 9776'; 9724'; 9680'; 9626'; 9557'; 9502'; 9458'; 9433'; 9386'; 9337'; (Zone #6) - plug at 9830' (Zone #7: Mancos: 8810'; 8848'; 8890'; 8940'; 8961'; 9034'; 9069'; 9156'; 9204'; 9234'; plug at 9280') (Zone #8: Mancos.. 8318'; 8344'; 8382';, 8440'; 8608'; 8642'; 8570'; 8615' 8653'; 8682'; plug at 8720') (Zone #9: Upper Mancos: 7766'; 7779'; 7796'; 7864'; 7904'; 7948'; 8020'; 8074'; 8126'; 8176'; plug at 8220') (Zone #10: Blackhawk and Mancos B: 7021***; 7040'; 7082'; 7418'; 7452'; 7527'; 7584'; Plug at 7620' NOTE: Did not shoot 6981' & 6997')
9/3/2008	06:00 - 16:00	10.00	BOP	1		"TIGHT HOLE": Completion of new well. On 9/2/08 FCP=50# to the pit on a 3/4" and 1" choke with gas. Pump 20 bbl.of 10# brine. ND frac head assembly and NU BOP stack. Pump additional 20 bbl.of brine. Tally and rabbit in the hole with a wireline spear, bumper sub and jars and 2-3/8" 4.7# P-110 tbg.to 1880'. Had to top kill well on the way in the hole twice and used a total of 100 bbl.of brine toay for top koll purposes only. No bullheading. SIFN. On 9/3/08 will continue to pick up tbg.and continue to RIH with fishing tools. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12558' FC@12556??? "TIGHT HOLE" CIBP at 12250' (6/30/08) CIBP 11860' (8/13/08) Perfs: Zone #1: Kenenta: (6/16/08) 12276 -12284 (24 holes) Zone #2: Entrada: (6/30/08) 11876-82'; 11910-11'; 11934-36 11984-86'; 12024-25'; 12044-45 12134-35' Zone#2: Dak.Silt and Cedar Mtn 10854-58'; 11049-57'; 11109-13 Lower Mancos: 10426'; 10468'; 10512' 10543'; 10575'; 10615'; 10685';10701', 10742'; 10782'; Plug at 10820' (Zone 4") Mancos; 9886'; 9926'; 9976'; 10006'; 10046'; 10105'; 10155'; 10215'; 01249'; 10310'; Plug at 10350' (Zone #5: Mancos 9776'; 9724'; 9680'; 9626'; 9557'; 9502'; 9458'; 9433'; 9386'; 9337'; (Zone #6) - plug at 9830' (Zone #7: Mancos: 8810'; 8848'; 8890'; 8940'; 8961'; 9034'; 9069'; 9156'; 9204'; 9234'; plug at 9280') (Zone #8: Mancos.. 8318'; 8344'; 8382';, 8440'; 8608'; 8642'; 8570'; 8615' 8653'; 8682'; plug at 8720')

Operations Summary Report

Legal Well Name: FR 4P-21-14-20
Common Well Name: FR 4P-21-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 6/11/2008
Rig Release:
Rig Number: 1

Spud Date: 3/30/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/3/2008	06:00 - 16:00	10.00	BOP	1		(Zone #9: Upper Mancos: 7766'; 7779'; 7796'; 7864'; 7904'; 7948'; 8020'; 8074'; 8126'; 8176'; plug at 8220') (Zone #10: Blackhawk and Mancos B: 7021***; 7040'; 7082'; 7418'; 7452'; 7527'; 7584'; Plug at 7620' NOTE: Did not shoot 6981' & 6997')
9/4/2008	06:00 - 16:00	10.00	LOC	2		"TIGHT HOLE": Completion of new well. On 9/3/08 SITP and SICP=3000#. Bled off well. Top kill tbg.with 15 bbl.of 2% KCL water. Continue in the hole and rabbit in the hole with 2-3/8" EUE 8RD 4.7# P-110 tbg.and wireline spear and bumper sub and jars and tag at 6600'. No evdence of wireline. POOH to 2000' and well started to flow. Circ.40 bbl.of 10# brine down the tbg..Finish POOH with tbg.and tools and no evidence of wireline. Left well open to the pit overnight on a 12/64" choke. SDFN. On 9/4/08 will RIH with overshot and grapple and fishing tools and tbg... Casing size: 4-1/2" 13.5# P-110 Casing depth: 12558' FC@12556??? "TIGHT HOLE" CIBP at 12250' (6/30/08) CIBP 11860' (8/13/08) Load from yesterday: 10755 Minus daily recovery: 10 Plus water today: 55 LLTR: 10800 Perfs: Zone #1: Kenenta: (6/16/08) 12276 -12284 (24 holes) Zone #2: Entrada: (6/30/08) 11876-82'; 11910-11'; 11934-36 11984-86'; 12024-25'; 12044-45 12134-35' Zone#2: Dak.Silt and Cedar Mtn 10854-58'; 11049-57'; 11109-13 Lower Mancos: 10426'; 10468'; 10512' 10543'; 10575'; 10615'; 10685';10701', 10742'; 10782'; Plug at 10820' (Zone 4") Mancos; 9886'; 9926'; 9976'; 10006'; 10046'; 10105'; 10155'; 10215'; 01249'; 10310'; Plug at 10350' (Zone #5: Mancos 9776'; 9724'; 9680'; 9626'; 9557'; 9502'; 9458'; 9433'; 9386'; 9337'; (Zone #6) - plug at 9830' (Zone #7: Mancos: 8810'; 8848'; 8890'; 8940'; 8961'; 9034'; 9069'; 9156'; 9204'; 9234'; plug at 9280') (Zone #8: Mancos.. 8318'; 8344'; 8382';, 8440'; 8608'; 8642'; 8570'; 8615' 8653'; 8682'; plug at 8720') (Zone #9: Upper Mancos: 7766'; 7779'; 7796'; 7864'; 7904'; 7948'; 8020'; 8074'; 8126'; 8176'; plug at 8220') (Zone #10: Blackhawk and Mancos B: 7021***; 7040'; 7082'; 7418'; 7452'; 7527'; 7584'; Plug at 7620' NOTE: Did not shoot 6981' & 6997')
9/5/2008	06:00 - 16:00	10.00	FISH	4		"TIGHT HOLE": Completion of new well.

Operations Summary Report

Legal Well Name: FR 4P-21-14-20
Common Well Name: FR 4P-21-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 6/11/2008
Rig Release:
Rig Number: 1

Spud Date: 3/30/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/5/2008	06:00 - 16:00	10.00	FISH	4		On 9/4/08 FCP=450# of gas and light water on a 12/64" choke. Open csg.on 48/64" choke and bled off csg.to 50#. Pump 30 bbl.of 10# brine to top kill well. RIH with OS with a 1-7/16" grapple and pump sub and jars and tbg.to 5132'. Well started to blow up the tbg..Rec 20 bbl.of water. Top kill with an additinal 10 bbl.of 2% KCL water. Continue to RIH with fishing tools at 6656' and cir.90 bbl.of 10# brine down the tbg.and up the xg..Latch onto 1-7/16" rope socket 6688'. *Start to jar on* fish with jars for 3-1/2 hours and pulling up to 35M# over and fish would not come loose. Pump 40 bb.of 2% KCL wter down the csg.with max.psi of 1200# and surge back on a full 1" and 2" line with 35M# over pull and fish wuld not come loose. Csg.blew down to 50# with no movement of fish. SIFN with 30M# over string weight. SIFN. On 9/5/08 will attempt to unload well and see if fish will come loose and if not will pump a heavy gel pill and attempt to free fish. Rec all fluids pumped today. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12558' FC@12556??? "TIGHT HOLE" CIBP at 12250' (6/30/08) CIBP 11860' (8/13/08) Load from yesterday: 10800 LLTR: 10800 Perfs: Zone #1: Kenenta: (6/16/08) 12276 -12284 (24 holes) Zone #2: Entrada: (6/30/08) 11876-82'; 11910-11'; 11934-36 11984-86'; 12024-25'; 12044-45 12134-35' Zone#2: Dak.Silt and Cedar Mtn 10854-58'; 11049-57'; 11109-13 Lower Mancos: 10426'; 10468'; 10512' 10543'; 10575'; 10615'; 10685';10701', 10742'; 10782'; Plug at 10820' (Zone 4") Mancos; 9886'; 9926'; 9976'; 10006'; 10046'; 10105'; 10155'; 10215'; 01249'; 10310'; Plug at 10350' (Zone #5: Mancos 9776'; 9724'; 9680'; 9626'; 9557'; 9502'; 9458'; 9433'; 9386'; 9337'; (Zone #6) - plug at 9830' (Zone #7: Mancos: 8810'; 8848'; 8890'; 8940'; 8961'; 9034'; 9069'; 9156'; 9204'; 9234'; plug at 9280') (Zone #8: Mancos.. 8318'; 8344'; 8382';, 8440'; 8608'; 8642'; 8570'; 8615' 8653'; 8682'; plug at 8720') (Zone #9: Upper Mancos: 7766'; 7779'; 7796'; 7864'; 7904'; 7948'; 8020'; 8074'; 8126'; 8176'; plug at 8220') (Zone #10: Blackhawk and Mancos B: 7021***; 7040'; 7082'; 7418'; 7452'; 7527'; 7584'; Plug at 7620' NOTE: Did not shoot 6981' & 6997')
9/8/2008	06:00 - 16:00	10.00	FISH	3		"TIGHT HOLE": Completion of new well. On 9/5/08 SITP=700# and SICP=3350#. Bled off well and attempt to

Operations Summary Report

Legal Well Name: FR 4P-21-14-20
Common Well Name: FR 4P-21-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 6/11/2008
Rig Release:
Rig Number: 1

Spud Date: 3/30/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/8/2008	06:00 - 16:00	10.00	FISH	3		release fish by working jars and bumper sub and tbg.and fish would not move. Release from fish and POOH with fishing tools. MIRU Superior WS pump truck after unloading hole until well was dead. Pump 40 bbl.of 20# gel water pill followed by 50 bbl.of 2% KCL water and caught pressure up to 8000#. Pump at 1/4 BPM at 7500 to 8000# and after 15 additional bbl.of 2% KCL water was pumped pressure dropped to 2800# and pumped at 2-1/2 BPM. Pumped a total of 300 bbl.of water. RDMO pump truck. Left csg.open to the pit overnight on a 16/64" choke with FCP=3100#. On AM of 9/6/08 FCP=1100# on a 16/64" choke and attempt to bleed off csg.and would not bleed down below 900# and heavy gas vapors and mist. Left well flowing over the weekend on various chokes. At 8:00 AM on Sunday (9/7/08) FCP=550# on a 24/64" choke at an est.rate of 7 bbl.per hour and cum.recovery of 240 bbl.since AM on Saturday (9/6/08). At 7:00 AM on 9/8/08 FCP=350# on a 28/64" choke with an est.rate of 10 bbl.per hour of heavy gas and mist with a total est.recovery of 480 bbl.in the last 48 hours. On 9/8/08 will attempt to top kill csg.and RIH with fishing tools on tbg..No sand problems. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12558' FC@12556??? "TIGHT HOLE" CIBP at 12250' (6/30/08) CIBP 11860' (8/13/08) Load from yesterday: 10800 Minus daily recovery: 480 Plus water today: 300 LLTR: 10640 Perfs: Zone #1: Kenenta: (6/16/08) 12276 -12284 (24 holes) Zone #2: Entrada: (6/30/08) 11876-82'; 11910-11'; 11934-36 11984-86'; 12024-25'; 12044-45 12134-35' Zone#2: Dak.Silt and Cedar Mtn 10854-58'; 11049-57'; 11109-13 Lower Mancos: 10426'; 10468'; 10512' 10543'; 10575'; 10615'; 10685';10701', 10742'; 10782'; Plug at 10820' (Zone 4") Mancos; 9886'; 9926'; 9976'; 10006'; 10046'; 10105'; 10155'; 10215'; 01249'; 10310'; Plug at 10350' (Zone #5: Mancos 9776'; 9724'; 9680'; 9626'; 9557'; 9502'; 9458'; 9433'; 9386'; 9337'; (Zone #6) - plug at 9830' (Zone #7: Mancos: 8810'; 8848'; 8890'; 8940'; 8961'; 9034'; 9069'; 9156'; 9204'; 9234'; plug at 9280') (Zone #8: Mancos.. 8318'; 8344'; 8382';, 8440'; 8608'; 8642'; 8570'; 8615' 8653'; 8682'; plug at 8720') (Zone #9: Upper Mancos: 7766'; 7779'; 7796'; 7864'; 7904'; 7948'; 8020'; 8074'; 8126'; 8176'; plug at 8220')

Operations Summary Report

Legal Well Name: FR 4P-21-14-20
Common Well Name: FR 4P-21-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 6/11/2008
Rig Release:
Rig Number: 1

Spud Date: 3/30/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/8/2008	06:00 - 16:00	10.00	FISH	3		(Zone #10: Blackhawk and Mancos B: 7021***; 7040'; 7082'; 7418'; 7452'; 7527'; 7584'; Plug at 7620' NOTE: Did not shoot 6981' & 6997')
9/9/2008	06:00 - 16:00	10.00	FISH	3		"TIGHT HOLE": Completion of new well. On AM of 9/8/08 FCP=350# on a 28/64" choke with heavy methane gas. Top kill well with 20 bbl.of 10# brine. RIH with OS and 1-7/16" grapple and bumber sub and jars and tbg..Had to pump an additional 50 bbl.of 10# brine while going in the hole. Tag fish top at 6830'. Work over rope socket and latch onto rope socket and start pulling out of the hole with up to 8M# drag. Continue out of hole and recovered entire fish with est.50' of wireline. Lay down fish and OS ssembly. SIFN. On 9/9/08 will RIH with wireline spear on tbg.. After latching onto fish and started to pull csg.was flowing at 350# on a 1" choke and top killed well again at 2000' with 20 bbl.of brine and well actually flowed back during the day all but the last 20 bbl.top kill. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12558' FC@12556??? "TIGHT HOLE" CIBP at 12250' (6/30/08) CIBP 11860' (8/13/08) Load from yesterday: 10640 Minus daily recovery: 70 Plus water today: 90 LLTR: 10660 Perfs: Zone #1: Kenenta: (6/16/08) 12276 -12284 (24 holes) Zone #2: Entrada: (6/30/08) 11876-82'; 11910-11'; 11934-36 11984-86'; 12024-25'; 12044-45 12134-35' Zone#2: Dak.Silt and Cedar Mtn 10854-58'; 11049-57'; 11109-13 Lower Mancos: 10426'; 10468'; 10512' 10543'; 10575'; 10615'; 10685';10701', 10742'; 10782'; Plug at 10820' (Zone 4") Mancos; 9886'; 9926'; 9976'; 10006'; 10046'; 10105'; 10155'; 10215'; 01249'; 10310'; Plug at 10350' (Zone #5: Mancos 9776'; 9724'; 9680'; 9626'; 9557'; 9502'; 9458'; 9433'; 9386'; 9337'; (Zone #6) - plug at 9830' (Zone #7: Mancos: 8810'; 8848'; 8890'; 8940'; 8961'; 9034'; 9069'; 9156'; 9204'; 9234'; plug at 9280') (Zone #8: Mancos.. 8318'; 8344'; 8382';, 8440'; 8608'; 8642'; 8570'; 8615' 8653'; 8682'; plug at 8720') (Zone #9: Upper Mancos: 7766'; 7779'; 7796'; 7864'; 7904'; 7948'; 8020'; 8074'; 8126'; 8176'; plug at 8220') (Zone #10: Blackhawk and Mancos B: 7021***; 7040'; 7082'; 7418'; 7452'; 7527'; 7584'; Plug at 7620' NOTE: Did not shoot 6981' & 6997')
9/10/2008	06:00 - 16:00	10.00	FISH	4		"TIGHT HOLE": Completion of new well.

Operations Summary Report

Legal Well Name:	FR 4P-21-14-20		
Common Well Name:	FR 4P-21-14-20		Spud Date: 3/30/2008
Event Name:	COMPLETION	Start: 6/11/2008	End:
Contractor Name:	Basin Well Service	Rig Release:	Group:
Rig Name:	BASIN WELL SERVICE	Rig Number: 1	

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/10/2008	06:00 - 16:00	10.00	FISH	4		On 9/9/08 SICP=1250#. Bled off to 250#. Top kill with 80 bbl.of 2% KCL water. RIH with tbg.wireline spear and tbg.and tag comp.frac plug at 7620'. Work spear. POOH with spear and tbg.and no wireline. Had to pump an additional 80 bbl.of 2% KCL water at 2500' due to well unloading. Well unloaded original 80 bbl.pumped today. Left well open to the pit overnight on a 14/64" choke. On AM of 9/10/08 FCP=1500# on a 14/64" choke. On 9/10/08 will RIH with mill and tbg.and start to clean out well. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12558' FC@12556??? "TIGHT HOLE" CIBP at 12250' (6/30/08) CIBP 11860' (8/13/08) Load from yesterday: 10660 Minus daily recovery: 80 Plus water today: 150 LLTR: 10740 Perfs: Zone #1: Kenenta: (6/16/08) 12276 -12284 (24 holes) Zone #2: Entrada: (6/30/08) 11876-82'; 11910-11'; 11934-36 11984-86'; 12024-25'; 12044-45 12134-35' Zone#2: Dak.Silt and Cedar Mtn 10854-58'; 11049-57'; 11109-13 Lower Mancos: 10426'; 10468'; 10512' 10543'; 10575'; 10615'; 10685';10701', 10742'; 10782'; Plug at 10820' (Zone 4") Mancos; 9886'; 9926'; 9976'; 10006'; 10046'; 10105'; 10155'; 10215'; 01249'; 10310'; Plug at 10350' (Zone #5: Mancos 9776'; 9724'; 9680'; 9626'; 9557'; 9502'; 9458'; 9433'; 9386'; 9337'; (Zone #6) - plug at 9830' (Zone #7: Mancos: 8810'; 8848'; 8890'; 8940'; 8961'; 9034'; 9069'; 9156'; 9204'; 9234'; plug at 9280') (Zone #8: Mancos.. 8318'; 8344'; 8382';, 8440'; 8608'; 8642'; 8570'; 8615' 8653'; 8682'; plug at 8720') (Zone #9: Upper Mancos: 7766'; 7779'; 7796'; 7864'; 7904'; 7948'; 8020'; 8074'; 8126'; 8176'; plug at 8220') (Zone #10: Blackhawk and Mancos B: 7021***; 7040'; 7082'; 7418'; 7452'; 7527'; 7584'; Plug at 7620' NOTE: Did not shoot 6981' & 6997')
9/11/2008	06:00 - 16:00	10.00	FISH	1		"TIGHT HOLE": Completion of new well. On 9/10/08 FCP=1500# on a 14/64" choke and dry gas. Bled well down to 200# Top kill well with 75 bbl.of 2% KCL water. RIH with 3-3/4" Hurricane mill and pump-off bit sub and 2-3/8" tbg..Tag comp.frac plug at 7260'. RU Weatherford foam unit and unload hole. Attempt to start drilling out plug and packing is out on power swivel. Pull mill to 7230'

Operations Summary Report

Legal Well Name:	FR 4P-21-14-20		
Common Well Name:	FR 4P-21-14-20		Spud Date: 3/30/2008
Event Name:	COMPLETION	Start: 6/11/2008	End:
Contractor Name:	Basin Well Service	Rig Release:	Group:
Rig Name:	BASIN WELL SERVICE	Rig Number: 1	

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/11/2008	06:00 - 16:00	10.00	FISH	1		and SIFN. On 9/11/08 will repair/replace power swivel and start to clean out well. Recovered all water pumped today. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12558' FC@12556??? "TIGHT HOLE" CIBP at 12250' (6/30/08) CIBP 11860' (8/13/08) Load from yesterday: 10740 Minus daily recovery: 75 Plus water today: 75 LLTR: 10740 Perfs: Zone #1: Kenenta: (6/16/08) 12276 -12284 (24 holes) Zone #2: Entrada: (6/30/08) 11876-82'; 11910-11'; 11934-36 11984-86'; 12024-25'; 12044-45 12134-35' Zone#2: Dak.Silt and Cedar Mtn 10854-58'; 11049-57'; 11109-13 Lower Mancos: 10426'; 10468'; 10512' 10543'; 10575'; 10615'; 10685';10701', 10742'; 10782'; Plug at 10820' (Zone 4") Mancos; 9886'; 9926'; 9976'; 10006'; 10046'; 10105'; 10155'; 10215'; 01249'; 10310'; Plug at 10350' (Zone #5: Mancos 9776'; 9724'; 9680'; 9626'; 9557'; 9502'; 9458'; 9433'; 9386'; 9337'; (Zone #6) - plug at 9830' (Zone #7: Mancos: 8810'; 8848'; 8890'; 8940'; 8961'; 9034'; 9069'; 9156'; 9204'; 9234'; plug at 9280') (Zone #8: Mancos.. 8318'; 8344'; 8382';, 8440'; 8608'; 8642'; 8570'; 8615' 8653'; 8682'; plug at 8720') (Zone #9: Upper Mancos: 7766'; 7779'; 7796'; 7864'; 7904'; 7948'; 8020'; 8074'; 8126'; 8176'; plug at 8220') (Zone #10: Blackhawk and Mancos B: 7021***; 7040'; 7082'; 7418'; 7452'; 7527'; 7584'; Plug at 7620' NOTE: Did not shoot 6981' & 6997')
9/12/2008	06:00 - 16:00	10.00	SEQ	1		"TIGHT HOLE": Completion of new well. On 9/11/08 SITP=2000# and SICP=2300#. Bled off well to 200#. Hook up repaired power swivel. Tag frac plug at 7620'. Est.circ.with foam unit. Drill out frac plug at 7620' and continue in the hole and drill out frac plugs at 8220'; 8720' and 9280' with foam unit. No sand problems. SIFN. On 9/12/08 will continue to drill out 3 additional frac plugs and clean out well. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12558' FC@12556??? "TIGHT HOLE" CIBP at 12250' (6/30/08)

Operations Summary Report

Legal Well Name:	FR 4P-21-14-20		
Common Well Name:	FR 4P-21-14-20		Spud Date: 3/30/2008
Event Name:	COMPLETION	Start: 6/11/2008	End:
Contractor Name:	Basin Well Service	Rig Release:	Group:
Rig Name:	BASIN WELL SERVICE	Rig Number: 1	

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/12/2008	06:00 - 16:00	10.00	SEQ	1		CIBP 11860' (8/13/08) LLTR: 10740 Perfs: Zone #1: Kenenta: (6/16/08) 12276 -12284 (24 holes) Zone #2: Entrada: (6/30/08) 11876-82'; 11910-11'; 11934-36 11984-86'; 12024-25'; 12044-45 12134-35' Zone#2: Dak.Silt and Cedar Mtn 10854-58'; 11049-57'; 11109-13 Lower Mancos: 10426'; 10468'; 10512' 10543'; 10575'; 10615'; 10685';10701', 10742'; 10782'; Plug at 10820' (Zone 4") Mancos; 9886'; 9926'; 9976'; 10006'; 10046'; 10105'; 10155'; 10215'; 01249'; 10310'; Plug at 10350' (Zone #5: Mancos 9776'; 9724'; 9680'; 9626'; 9557'; 9502'; 9458'; 9433'; 9386'; 9337'; (Zone #6) - plug at 9830' (Zone #7: Mancos: 8810'; 8848'; 8890'; 8940'; 8961'; 9034'; 9069'; 9156'; 9204'; 9234'; plug at 9280') (Zone #8: Mancos.. 8318'; 8344'; 8382';, 8440'; 8608'; 8642'; 8570'; 8615' 8653'; 8682'; plug at 8720') (Zone #9: Upper Mancos: 7766'; 7779'; 7796'; 7864'; 7904'; 7948'; 8020'; 8074'; 8126'; 8176'; plug at 8220') (Zone #10: Blackhawk and Mancos B: 7021***; 7040'; 7082'; 7418'; 7452'; 7527'; 7584'; Plug at 7620' NOTE: Did not shoot 6981' & 6997')
9/15/2008	06:00 - 16:00	10.00	STIM	3		"TIGHT HOLE": Completion of new well. On 9/12/08 SITP-1100# and SICP=2400#. Bled off csg.to 1000#. Pump 20 bbl.of 2% KCL water down the tbg.to kill. Continue to RIH and clean out well with mill and foam unit. Tag sand at 9725' and clean out sand to comp. frac plug at 9830' and drill out plug. Continue in the hole and tag frac plug at 10350' and drill out plug. Contineu in hte hole and tag frac plug at 10820' anddrill out final composite plug. Continue in the hole and tag fill at 11738' (new PBTD). Circ.hole clean. POOH and lay down 127 jts.of tbg..SIFN. On 9/13/08 will continue to lay cown tbg.to desired depth to production log and pump off bit usb assembly and turn well over to production. On 9/13/08 SITP=1700# and SICP=2500#. Bled off csg.to 300# and pump 20 bbl.of 2% KCL water down the tbg. to kill Continue to POOH and lay down 50 additional jts.of tbg.to have tbg.tail at 6915'. ND BOP's and land tbg. in the hanger. Casing flowed the entire time at 300# on a 1" choke. NUWH. Drop ball and appear to shear off bit sub assembly with 25 bbl.of water and pump an additional 10 bbl.of water. Sheared at 2200# and pumped the remaining 10 bbl.of water at 2-1/2 BPM at 1000#. Open tbg.to flow back tank and started to flow on a full 2" with a recovery of 30 bbl.of wter and then straight gas. SI the wellhead and open csg.to the production system at noon on 9/13/08 with a SICP=1700#. Will flow up the csg.unitil wellhead is hooked up to flow line system. Turn well over to production department. Tbg.is landed high to obtain production log. Report discontinued until further activity.

Operations Summary Report

Legal Well Name:	FR 4P-21-14-20		
Common Well Name:	FR 4P-21-14-20		Spud Date: 3/30/2008
Event Name:	COMPLETION	Start: 6/11/2008	End:
Contractor Name:	Basin Well Service	Rig Release:	Group:
Rig Name:	BASIN WELL SERVICE	Rig Number: 1	

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/15/2008	06:00 - 16:00	10.00	STIM	3		On 9/15/08 will RDMO Basin Well Service #1 rig. No additional reports until new activity. Tbg.detail: Bit sub entry=0.92'; 1 jt.of tbg.=32.45'; 1.81" "F" nipple=0.85'; 216 jts.of t g.to surface=6859.88'; KB=21'. Tbg.tail at 6914.64' and "F" nipple at 5860'; All tbg.is new 2-3/8" EUE 8rd 4.7# P=110. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12558' FC@12556??? "TIGHT HOLE" CIBP at 12250' (6/30/08) CIBP 11860' (8/13/08) LLTR: 10740 Perfs: Zone #1: Kenenta: (6/16/08) 12276 -12284 (24 holes) Zone #2: Entrada: (6/30/08) 11876-82'; 11910-11'; 11934-36 11984-86'; 12024-25'; 12044-45 12134-35' Zone#2: Dak.Silt and Cedar Mtn 10854-58'; 11049-57'; 11109-13 Lower Mancos: 10426'; 10468'; 10512' 10543'; 10575'; 10615'; 10685';10701', 10742'; 10782'; Plug at 10820' (Zone 4") Mancos; 9886'; 9926'; 9976'; 10006'; 10046'; 10105'; 10155'; 10215'; 01249'; 10310'; Plug at 10350' (Zone #5: Mancos 9776'; 9724'; 9680'; 9626'; 9557'; 9502'; 9458'; 9433'; 9386'; 9337'; (Zone #6) - plug at 9830' (Zone #7: Mancos: 8810'; 8848'; 8890'; 8940'; 8961'; 9034'; 9069'; 9156'; 9204'; 9234'; plug at 9280') (Zone #8: Mancos.. 8318'; 8344'; 8382';, 8440'; 8608'; 8642'; 8570'; 8615' 8653'; 8682'; plug at 8720') (Zone #9: Upper Mancos: 7766'; 7779'; 7796'; 7864'; 7904'; 7948'; 8020'; 8074'; 8126'; 8176'; plug at 8220') (Zone #10: Blackhawk and Mancos B: 7021***; 7040'; 7082'; 7418'; 7452'; 7527'; 7584'; Plug at 7620' NOTE: Did not shoot 6981' & 6997')

UTAH DIVISION OF OIL, GAS AND MINING

NOTICE OF REPORTING PROBLEMS

Operator: Questar Exploration & Production Co Account: N5085 Today's Date: 10/23/2008

Problems:

- [x] Late Report(s)
- [ ] Inaccurate Report(s)
- [ ] Incomplete Report(s)
- [ ] Other: _____

Failure to submit reports in a timely, accurate, and complete manner may result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

To avoid compliance action, these reporting problems should be resolved within 7 days.

Send reports to:

Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Fax to:

(801) 359-3940

43-047-39811
21 14S 20E
FR 4P-21-14-20

Type of Report	Month(s) of Problem Report
[ ] Production – Form 10 [ ] Disposition – Form 11 [ ] Gas Plant – Form 13 [ ] Enhanced Recovery – UIC Form 2 [ ] Injection – UIC Form 3 [ ] Other _____	

Type of Report	Well Name(s)	API Number(s)	Drilling Commenced
[ ] Spud Notice – Form 9 [x] Drilling Reports – Form 9 [ ] Well Completion Report – Form 8 [ ] Other _____	[x] List Attached		

Description of Problem:

Per R649-3-6 2.4 The operator shall submit a monthly status report for each drilling well on Form 9, Sundry Notice and Reports on Wells. The report should include the well depth and a description of the operations conducted on the well during the month.

If you have questions or concerns regarding this matter, please contact Rachel Medina at (801) 538-5260 .

cc: Compliance File
RAM
Well File
CHD

UTAH DIVISION OF OIL, GAS AND MINING

NOTICE OF REPORTING PROBLEMS

ATTACHMENT

Operator: Questar Exploration & Production Co Account: N5085 Today's Date: 10/23/2008

Well Names	API Numbers	Drilling Commenced
RWS 8D-5-9-24	4304737307	01/11/2008
RW 04-25B	4304736982	02/05/2008
SCS 5C-32-14-19	4304738963	03/17/2008
FR 4P-21-14-20	4304739811	03/30/2008
WV 7BD-23-8-21	4304739044	04/12/2008
GB 15D-27-8-21	4304739662	04/26/2008
Brennan 1	4304715417	05/28/2008
WRU GB 13G-3-8-22	4304739792	06/08/2008
GD 1G-34-9-15	4301333827	06/13/2008
GD 16G-35-9-15	4301333833	06/13/2008

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE *– Other instructions on page 2.*

1. Type of Well: ☐ Oil Well ☑ Gas Well ☐ Other	5. Lease Serial No. UTU-10164
	6. If Indian, Allottee or Tribe Name: UTE TRIBE
	7. If Unit of CA/Agreement, Name and/or No. N/A
	8. Well Name and No. FR 4P-21-14-20
2. Name of Operator: QUESTAR EXPLORATION & PRODUCTION CO. CONTACT: Mike Stahl	9. API Well No. 43-047-39811
3a. Address: 11002 EAST 17500 SOUTH, VERNAL, UTAH 84078 — 3b. Phone No. *(include area code)*: (303) 308-3613	10. Field and Pool or Exploratory Area: UNDESIGNATED
4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*: 850' FNL 510' FWL, NWNW, SECTION 21, T14S, R20E	11. Country or Parish, State: UINTAH, UTAH

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☑ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other COMMINGLING
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

In Compliance with the Administrative Utah code for drillling and operating practice R649-3-22, completion into two or more pools. Questar Exploration & Production Company hereby requests the commingling of production between intervals in the FR 4P-21-14-20. Questar considers this commingling to be in the public interest in that it promotes maximum ultimate economic recevery, prevents waste, provides for orderly and efficient production of oil and gas and presents no detrimental effects from commingling the gas streams.

Questar requests approval for the commingling of production of the Dakota and Mancos intervals. Based upon offset production logs, the proposed initial allocation is as follows: Dakota - 20% ; Mancos - 80%.

On an annual basis the gas will be sampled and a determination will be made of the BTU content and gas constituents. These annual samples can be used to determine if the gas allocation is changing over time. If these samples do not indicate that any adjustments in allocation are necessary they may be discontinues after the fifth anniversary of the initial production.

COPY SENT TO OPERATOR
Date: 1·5·2009
Initials: KS

RECEIVED
OCT 22 2008
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)*: Laura Bills — Title: Associate Regulatory Affairs Analyst

Signature: Laura Bills — Date: 10/14/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by: Ted Wurt — Title: Pet. Eng. — Date: 11/18/08

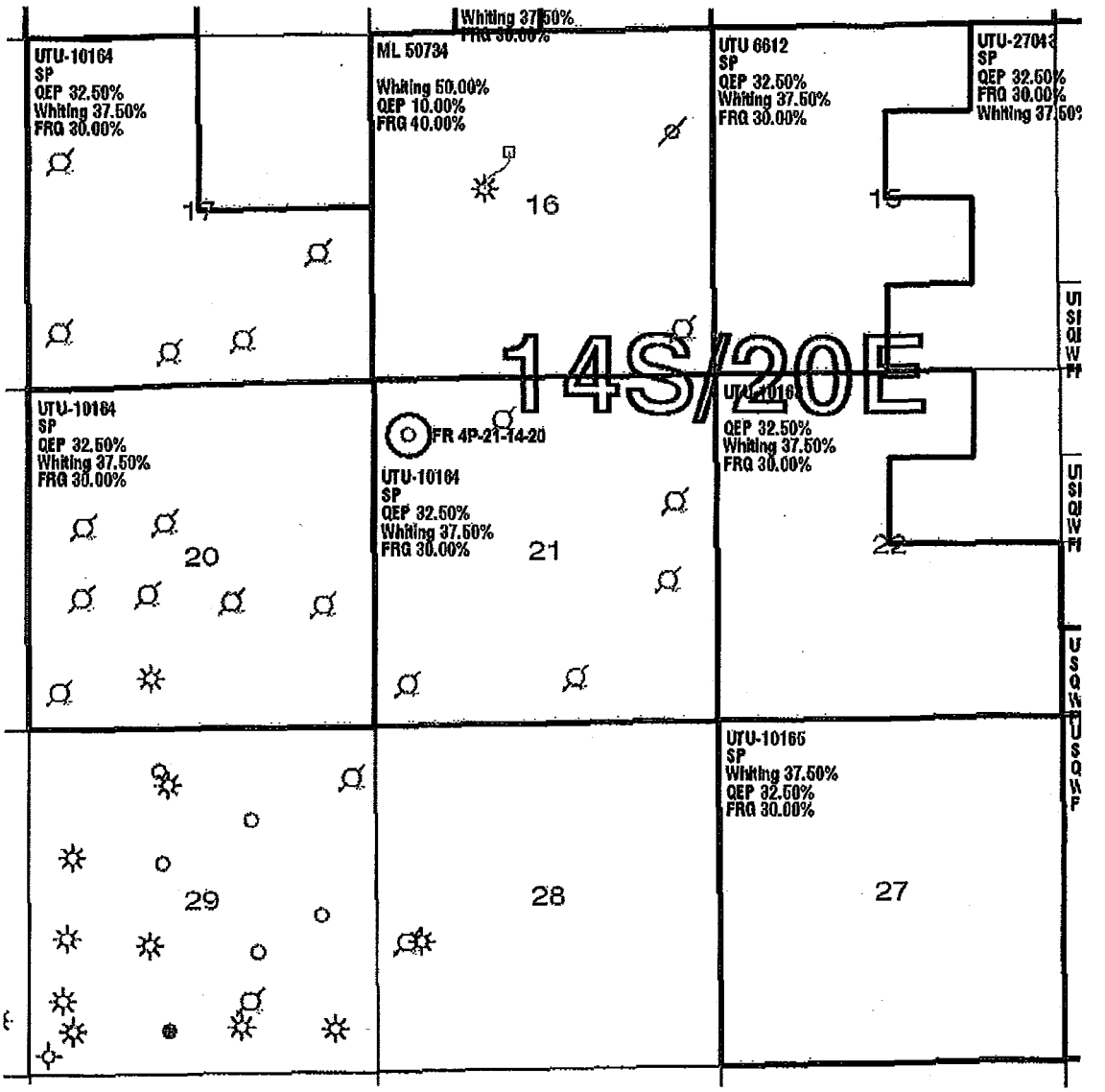
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. — Office: Dogm

Federal Approval Of This Action Is Necessary

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

CONFIDENTIAL



T14S-R20E

RECEIVED

OCT 2 2 2008

DIV. OF OIL, GAS & MINING

○ Commingled well

Tw/Kmv
COMMINGLED PRODUCTION
Uinta Basin—Uintah County, Utah

Well: FR 4P-21-14-20
Lease: UTU 10164

QUESTAR
Exploration and Production
1050 17th St., # 500 Denver, CO 80265

Geologist:	
Landman: Chad Matney	
Date: September 16, 2008	

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.: UTU-10164

1a. Type of Well: ☐ Oil Well ☑ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☑ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other: _____

6. If Indian, Allottee or Tribe Name: UTE INDIAN TRIBE

7. Unit or CA Agreement Name and No.: N/A

2. Name of Operator: Questar Exploration & Production Co.

8. Lease Name and Well No.: FR 4P 21 14 20

3. Address: 11002 EAST 17500 SOUTH - VERNAL, UT 84078

3a. Phone No. *(include area code)*: 435.781.4342 - Dahn Caldwell

9. AFI Well No.: 43-047-39811

4. Location of Well *(Report location clearly and in accordance with Federal requirements)**

At surface: 850' FNL, 510' FWL, NWNW, SEC 21-T14S-R20E

10. Field and Pool or Exploratory: UNDESIGNATED

11. Sec., T., R., M., on Block and Survey or Area: SEC 21-T14S-R20E

At top prod. interval reported below: 850' FNL, 510' FWL, NWNW, SEC 21-T14S-R20E

At total depth: 720 fnl 746 fwl ~~850' FNL, 510' FWL~~, NWNW, SEC 21-T14S-R20E per ltsm review

12. County or Parish: UINTAH

13. State: UT

14. Date Spudded: 03/30/2008

15. Date T.D. Reached: 05/20/2008

16. Date Completed: ☐ D & A ☑ Ready to Prod. 09/13/2008

17. Elevations (DF, RKB, RT, GL)*: K7024' KB

18. Total Depth: MD 12,500' TVD 12481

19. Plug Back T.D.: MD 11,738' TVD 11720

20. Depth Bridge Plug Set: MD 12,250' & 11,860' TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL, 3 DETECTOR LITHO COMP NEUTRON, LITHO DENSITY COMP N HI RES

22. Was well cored? ☑ No ☐ Yes (Submit analysis)
Was DST run? ☑ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☑ Yes (Submit copy)

23. Casing and Liner Record *(Report all strings set in well)*

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14-1/4"	10-3/4"	40.5#		530'		400 SXS		SURF - CIRC	
9-5/8"	7-5/8"	29.7#		4288'		800 SXS		SURF - CIRC	
6/1/2"	4-1/2"	13.5#		12500'		365 SXS		580' - LOG	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8"	6915'							

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) SEE ATTACHMENT			SEE ATTACHMENT			
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
SEE ATTACHMENT	SEE ATTACHMENT

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
9/13/08	9/17/08	24#	→	5	474	85			FLOWING

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
14/64"	0	1000	→					PRODUCING

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					

*(See instructions and spaces for additional data on page 2)

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28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

29. Disposition of Gas *(Solid, used for fuel, vented, etc.)*
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
GREEN RIVER	SURFACE			MORRISON	11248'
WASATCH	2515'			SUMMERVILLE	11762'
MESA VERDE	4546'			CURTIS	11782'
CASTLEGATE	6594'			ENTRADA	11860'
MANCOS	7233'			CARMEL	12192'
DAKOTA SILT	10857'			WINGATE	12394'
CEDAR MTN	11020'			TD	12500'

32. Additional remarks (include plugging procedure):

FUTURE SHALE PROSPECTS - GREEN RIVER

33. Indicate which items have been attached by placing a check in the appropriate boxes:

☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☑ Other: ATTACHMENT - PERF & FRAC INFO

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name *(please print)* JIM SIMONTON Title COMPLETION SUPERVISOR

Signature Jim Simonton (dfg) Date 11/14/2008

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

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PERFORATION DETAIL:

Open Perfs	Stimulation					Perf Status
7021′ – 7022′						Open – Blackhawk
7040′ – 7041′						Open – Blackhawk
7082′ – 7083′						Open – Blackhawk
7418′ – 7419′	Abort Frac					Open – Mancos 'B'
7452′ – 7453′						Open – Mancos 'B'
7527′ – 7528′						Open – Mancos 'B'
7584′ – 7585′						Open – Mancos 'B'
7766′ – 7767′						Open – Upper Mancos
7779′ – 7780′						Open – Upper Mancos
7796′ – 7797′						Open – Upper Mancos
7864′ – 7865′						Open – Upper Mancos
7904′ – 7905′						Open – Upper Mancos
7948′ – 7949′	Frac w/	37,000	Lbs in	60,060	Gals	Open – Upper Mancos
8020′ – 8021′						Open – Upper Mancos
8074′ – 8075′						Open – Upper Mancos
8126′ – 8127′						Open – Upper Mancos
8176′ – 8177′						Open – Upper Mancos
8318′ – 8319′						Open - Mancos
8344′ – 8345′						Open - Mancos
8382′ – 8382′						Open - Mancos
8440′ – 8441′						Open - Mancos
8508′ – 8509′						Open - Mancos
8542′ – 8543′	Frac w/	50,000	Lbs in	65,100	Gals	Open - Mancos
8570′ – 8571′						Open - Mancos
8615′ – 8616′						Open - Mancos
8653′ – 8654′						Open - Mancos
8682′ – 8683′						Open - Mancos
8810′ – 8811′						Open - Mancos
8848′ – 8849′						Open - Mancos
8890′ – 8891′						Open - Mancos
8940′ – 8941′						Open - Mancos
8981′ – 8982′						Open - Mancos
9034′ – 9035′	Frac w/	37,500	Lbs in	60,900	Gals	Open - Mancos
9089′ – 9090′						Open - Mancos
9156′ – 9157′						Open - Mancos
9204′ – 9205′						Open - Mancos
9234′ – 9235′						Open - Mancos

9337′ – 9338′						Open - Mancos
9386′ – 9387′						Open - Mancos
9433′ – 9434′						Open - Mancos
9458′ – 9459′						Open - Mancos
9502′ – 9503′						Open - Mancos
9557′ – 9558′	Frac w/	48,500	Lbs in	86,100	Gals	Open - Mancos
9626′ – 9627′						Open - Mancos
9680′ – 9681′						Open - Mancos
9724′ – 9725′						Open - Mancos
9776′ – 9777′						Open - Mancos
9886′ – 9887′						Open - Mancos
9926′ – 9927′						Open - Mancos
9976′ – 9977′						Open - Mancos
10006′ – 10007′						Open - Mancos
10046′ – 10047′						Open - Mancos
10105′ – 10106′	Frac w/	49,800	Lbs in	65,730	Gals	Open - Mancos
10155′ – 10156′						Open - Mancos
10215′ – 10216′						Open - Mancos
10249′ – 10250′						Open - Mancos
10310′ – 10311′						Open - Mancos
						Open - Mancos
10426′ – 10427′						Open - Mancos
10468′ – 10469′						Open - Mancos
10512′ – 10513′						Open - Mancos
10543′ – 10544′						Open - Mancos
10575′ – 10576′						Open - Mancos
10615′ – 10616′		Total of 3,700# of sand in				Open - Mancos
10665′ – 10666′		formation, 24,990 Gals – Did not				Open - Mancos
10701′ – 10702′		Continue in this zone				Open - Mancos
10742′ – 10743′						Open - Mancos
10782′ – 10783′						Open - Mancos
10854′ – 10858′						Open – Dakota Silt
11049′ – 11057′	Frac w/	62,400	Lbs in	107,940	Gals	Open – Cedar Mtn
11109′ – 11113′						Open – Cedar Mtn
CIBP @ 11,860′						CIBP @ 11,860′
11876′ – 11882′						Closed - Entrada
11910′ – 11911′						Closed - Entrada
11934′ – 11936′						Closed - Entrada
11984′ – 11986′	Frac w/	100,800	Lbs in	34,230	Gals	Closed - Entrada
12024′ – 12025′						Closed - Entrada
12044′ - 12045′						Closed - Entrada
12134′ – 12135′						Closed - Entrada

CIBP @ 12,250'						CIBP @ 12,250'
12276' – 12284'	Acidized w/	2,000	Gals	of 15%	HCL	Closed – Keyenta

Questar E & P

Deviation Summary

Well Name: FR 4P-21-14-20
TMD: 12,495.0 (ft) TVD: 12,475.95 (ft)
Closure Distance: 269.3 (ft) Closure Direction: 61.24 (°)
Location: 21- 14-S 20-E 26
Spud Date: 3/30/2008
Calculation Method: Minimum Curvature

S/T #	V.S. AZI (°)
OH	0.00

S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N/-S (ft)	E/-W (ft)	Vert. Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
OH	0.0	0.00	0.00	NYN	0.00	0.00	0.00	0.00	0.00	0.00	MWD
OH	583.0	0.30	219.20	YNN	583.00	-1.18	-0.96	-1.18	0.05	0.05	MWD
OH	674.0	0.90	23.30	YNN	673.99	-0.71	-0.83	-0.71	1.31	0.66	MWD
OH	738.0	1.80	27.20	YNN	737.98	0.64	-0.17	0.64	1.41	1.41	MWD
OH	797.0	2.10	37.80	YNN	796.94	2.32	0.91	2.32	0.79	0.51	MWD
OH	887.0	3.50	31.30	YNN	886.83	5.97	3.35	5.97	1.59	1.56	MWD
OH	979.0	4.40	29.70	YNN	978.61	11.44	6.56	11.44	0.99	0.98	MWD
OH	1,071.0	5.40	27.80	YNN	1,070.28	18.33	10.32	18.33	1.10	1.09	MWD
OH	1,163.0	5.20	33.40	YNN	1,161.88	25.64	14.64	25.64	0.60	-0.22	MWD
OH	1,260.0	5.40	33.80	YNN	1,258.47	33.11	19.60	33.11	0.21	0.21	MWD
OH	1,356.0	5.40	33.00	YNN	1,354.04	40.65	24.57	40.65	0.08	0.00	MWD
OH	1,453.0	6.40	31.10	YNN	1,450.53	49.11	29.85	49.11	1.05	1.03	MWD
OH	1,550.0	6.50	32.20	YNN	1,546.91	58.38	35.57	58.38	0.16	0.10	MWD
OH	1,646.0	5.60	38.90	YNN	1,642.38	66.62	41.40	66.62	1.19	-0.94	MWD
OH	1,743.0	5.80	37.90	YNN	1,738.90	74.17	47.39	74.17	0.23	0.21	MWD
OH	1,840.0	5.80	38.00	YNN	1,835.40	81.90	53.42	81.90	0.01	0.00	MWD
OH	1,938.0	5.90	38.70	YNN	1,932.89	89.74	59.61	89.74	0.13	0.10	MWD
OH	2,034.0	5.50	37.90	YNN	2,028.42	97.22	65.52	97.22	0.42	-0.42	MWD
OH	2,132.0	5.20	35.20	YNN	2,125.99	104.55	70.97	104.55	0.40	-0.31	MWD
OH	2,228.0	5.50	35.20	YNN	2,221.57	111.87	76.13	111.87	0.31	0.31	MWD
OH	2,324.0	5.60	32.80	YNN	2,317.12	119.56	81.32	119.56	0.26	0.10	MWD
OH	2,518.0	5.00	32.40	YNN	2,510.29	134.66	90.98	134.66	0.31	-0.31	MWD
OH	2,614.0	5.20	33.60	YNN	2,605.91	141.81	95.63	141.81	0.24	0.21	MWD
OH	2,711.0	5.00	32.80	YNN	2,702.53	149.03	100.35	149.03	0.22	-0.21	MWD
OH	2,809.0	5.30	29.80	YNN	2,800.13	156.55	104.91	156.55	0.41	0.31	MWD
OH	2,906.0	5.80	29.20	YNN	2,896.68	164.71	109.53	164.71	0.52	0.52	MWD
OH	3,004.0	5.80	44.70	YNN	2,994.18	172.56	115.43	172.56	1.59	0.00	MWD
OH	3,101.0	5.60	42.40	YNN	3,090.70	179.53	122.07	179.53	0.31	-0.21	MWD
OH	3,198.0	4.60	47.40	YNN	3,187.32	185.66	128.12	185.66	1.13	-1.03	MWD
OH	3,295.0	4.40	47.90	YNN	3,284.02	190.79	133.74	190.79	0.21	-0.21	MWD
OH	3,391.0	4.70	49.60	YNN	3,379.72	195.81	139.47	195.81	0.34	0.31	MWD
OH	3,488.0	5.00	44.90	YNN	3,476.37	201.38	145.48	201.38	0.51	0.31	MWD
OH	3,586.0	4.80	45.60	YNN	3,574.01	207.27	151.43	207.27	0.21	-0.20	MWD

Questar E & P

Deviation Summary

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Location: 21- 14-S 20-E 26
Spud Date: 3/30/2008
Calculation Method: Minimum Curvature

S/T #	V.S. AZI (°)
OH	0.00

S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N/-S (ft)	E/-W (ft)	Vert. Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
OH	3,682.0	4.80	45.90	YNN	3,669.67	212.88	157.18	212.88	0.03	0.00	MWD
OH	3,779.0	5.00	44.10	YNN	3,766.32	218.74	163.04	218.74	0.26	0.21	MWD
OH	3,875.0	5.30	46.30	YNN	3,861.93	224.80	169.15	224.80	0.37	0.31	MWD
OH	3,972.0	5.20	44.00	YNN	3,958.52	231.06	175.45	231.06	0.24	-0.10	MWD
OH	4,068.0	5.50	44.50	YNN	4,054.11	237.47	181.69	237.47	0.32	0.31	MWD
OH	4,165.0	5.70	49.50	YNN	4,150.64	243.92	188.61	243.92	0.54	0.21	MWD
OH	4,262.0	5.70	49.10	YNN	4,247.16	250.20	195.92	250.20	0.04	0.00	MWD
OH	4,353.0	6.30	51.60	YNN	4,337.67	256.26	203.25	256.26	0.72	0.66	MWD
OH	4,385.0	6.00	51.50	YNN	4,369.48	258.39	205.93	258.39	0.94	-0.94	MWD
OH	4,450.0	4.80	55.80	YNN	4,434.19	262.03	210.84	262.03	1.95	-1.85	MWD
OH	4,547.0	3.30	52.00	YNN	4,530.95	266.03	216.40	266.03	1.57	-1.55	MWD
OH	4,644.0	2.50	57.10	YNN	4,627.82	268.90	220.37	268.90	0.87	-0.82	MWD
OH	4,740.0	1.30	69.60	YNN	4,723.77	270.42	223.15	270.42	1.32	-1.25	MWD
OH	4,838.0	0.60	324.10	YNN	4,821.76	271.22	223.89	271.22	1.60	-0.71	MWD
OH	4,870.0	0.30	292.80	YNN	4,853.76	271.39	223.72	271.39	1.18	-0.94	MWD
OH	4,937.0	0.30	301.00	YNN	4,920.76	271.55	223.40	271.55	0.06	0.00	MWD
OH	5,034.0	0.20	312.10	YNN	5,017.76	271.79	223.06	271.79	0.11	-0.10	MWD
OH	5,131.0	0.10	4.80	YNN	5,114.76	271.99	222.94	271.99	0.17	-0.10	MWD
OH	5,228.0	0.10	344.80	YNN	5,211.76	272.16	222.93	272.16	0.04	0.00	MWD
OH	5,325.0	0.20	130.70	YNN	5,308.76	272.13	223.03	272.13	0.30	0.10	MWD
OH	5,422.0	0.20	332.30	YNN	5,405.76	272.17	223.08	272.17	0.41	0.00	MWD
OH	5,519.0	0.20	128.30	YNN	5,502.76	272.21	223.14	272.21	0.40	0.00	MWD
OH	5,615.0	0.20	254.00	YNN	5,598.76	272.06	223.11	272.06	0.37	0.00	MWD
OH	5,712.0	0.20	234.00	YNN	5,695.75	271.92	222.81	271.92	0.07	0.00	MWD
OH	5,809.0	0.20	141.60	YNN	5,792.75	271.68	222.78	271.68	0.30	0.00	MWD
OH	5,906.0	0.30	148.80	YNN	5,889.75	271.33	223.01	271.33	0.11	0.10	MWD
OH	6,003.0	0.30	204.10	YNN	5,986.75	270.88	223.04	270.88	0.29	0.00	MWD
OH	6,101.0	1.20	159.30	YNN	6,084.74	269.69	223.30	269.69	1.03	0.92	MWD
OH	6,198.0	0.80	152.80	YNN	6,181.73	268.14	223.97	268.14	0.43	-0.41	MWD
OH	6,334.0	0.60	178.70	YNN	6,317.72	266.58	224.42	266.58	0.27	-0.15	MWD
OH	6,362.0	0.60	157.00	YNN	6,345.72	266.30	224.48	266.30	0.81	0.00	MWD
OH	6,488.0	0.70	169.70	YNN	6,471.71	264.94	224.87	264.94	0.14	0.08	MWD
OH	6,585.0	0.90	175.20	YNN	6,568.70	263.59	225.04	263.59	0.22	0.21	MWD

Questar E & P

Deviation Summary

Well Name: FR 4P-21-14-20
TMD: 12,495.0 (ft) TVD: 12,475.95 (ft)
Closure Distance: 269.3 (ft) Closure Direction: 61.24 (°)
Location: 21- 14-S 20-E 26
Spud Date: 3/30/2008
Calculation Method: Minimum Curvature

S/T #	V.S. AZI (°)
OH	0.00

S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N/-S (ft)	E/-W (ft)	Vert. Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
OH	6,721.0	0.10	261.90	YNN	6,704.69	262.51	225.02	262.51	0.66	-0.59	MWD
OH	6,761.0	0.30	238.70	YNN	6,744.69	262.45	224.89	262.45	0.53	0.50	MWD
OH	6,877.0	1.00	190.80	YNN	6,860.69	261.30	224.44	261.30	0.71	0.60	MWD
OH	6,974.0	1.60	176.00	YNN	6,957.66	259.12	224.38	259.12	0.70	0.62	MWD
OH	7,071.0	1.70	164.40	YNN	7,054.62	256.38	224.86	256.38	0.36	0.10	MWD
OH	7,167.0	2.20	165.10	YNN	7,150.56	253.23	225.72	253.23	0.52	0.52	MWD
OH	7,264.0	1.90	163.50	YNN	7,247.50	249.89	226.65	249.89	0.31	-0.31	MWD
OH	7,361.0	2.00	162.80	YNN	7,344.45	246.73	227.61	246.73	0.11	0.10	MWD
OH	7,457.0	1.90	158.80	YNN	7,440.39	243.65	228.68	243.65	0.18	-0.10	MWD
OH	7,554.0	1.60	161.90	YNN	7,537.35	240.86	229.68	240.86	0.32	-0.31	MWD
OH	7,650.0	1.50	152.40	YNN	7,633.31	238.47	230.68	238.47	0.29	-0.10	MWD
OH	7,748.0	1.80	158.90	YNN	7,731.27	235.90	231.83	235.90	0.36	0.31	MWD
OH	7,846.0	1.70	175.00	YNN	7,829.22	233.02	232.51	233.02	0.51	-0.10	MSS
OH	7,942.0	1.40	188.50	YNN	7,925.19	230.44	232.46	230.44	0.49	-0.31	MWD
OH	8,039.0	1.60	174.70	YNN	8,022.16	227.92	232.41	227.92	0.42	0.21	MWD
OH	8,136.0	1.20	176.10	YNN	8,119.13	225.55	232.60	225.55	0.41	-0.41	MWD
OH	8,233.0	1.70	161.80	YNN	8,216.10	223.17	233.12	223.17	0.63	0.52	MWD
OH	8,330.0	1.60	163.60	YNN	8,313.06	220.51	233.95	220.51	0.12	-0.10	MWD
OH	8,427.0	1.70	173.10	YNN	8,410.02	217.78	234.51	217.78	0.30	0.10	MWD
OH	8,524.0	1.60	168.90	YNN	8,506.98	215.02	234.94	215.02	0.16	-0.10	MWD
OH	8,622.0	2.80	164.40	YNN	8,604.90	211.38	235.85	211.38	1.24	1.22	MWD
OH	8,716.0	3.40	160.00	YNN	8,698.76	206.55	237.42	206.55	0.69	0.64	MWD
OH	8,813.0	3.10	179.50	YNN	8,795.61	201.22	238.43	201.22	1.17	-0.31	MWD
OH	8,910.0	2.90	169.00	YNN	8,892.48	196.19	238.92	196.19	0.60	-0.21	MWD
OH	9,007.0	0.10	84.20	YNN	8,989.44	193.79	239.47	193.79	2.98	-2.89	MWD
OH	9,104.0	0.30	323.00	YNN	9,086.44	194.00	239.40	194.00	0.37	0.21	MWD
OH	9,201.0	0.10	223.10	YNN	9,183.44	194.14	239.19	194.14	0.34	-0.21	MWD
OH	9,298.0	0.10	252.80	YNN	9,280.44	194.05	239.05	194.05	0.05	0.00	MWD
OH	9,395.0	0.10	158.00	YNN	9,377.44	193.95	239.00	193.95	0.15	0.00	MWD
OH	9,979.0	0.20	274.10	YNN	9,961.43	193.55	238.18	193.55	0.04	0.02	MWD
OH	10,076.0	0.10	87.90	YNN	10,058.43	193.56	238.09	193.56	0.31	-0.10	MWD
OH	10,173.0	0.10	297.50	YNN	10,155.43	193.61	238.10	193.61	0.20	0.00	MWD
OH	10,270.0	0.10	319.10	YNN	10,252.43	193.71	237.97	193.71	0.04	0.00	MWD

CONFIDENTIAL

Deviation Summary

Well Name: FR 4P-21-14-20
TMD: 12,495.0 (ft) TVD: 12,475.95 (ft)
Closure Distance: 269.3 (ft) Closure Direction: 61.24 (°)
Location: 21- 14-S 20-E 26
Spud Date: 3/30/2008
Calculation Method: Minimum Curvature

S/T #	V.S. AZI (°)
OH	0.00

S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N/-S (ft)	E/-W (ft)	Vert. Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
OH	10,369.0	0.10	327.40	YNN	10,351.43	193.85	237.87	193.85	0.01	0.00	MWD
OH	10,466.0	0.10	218.40	YNN	10,448.43	193.85	237.77	193.85	0.17	0.00	MWD
OH	10,563.0	0.20	240.70	YNN	10,545.43	193.70	237.57	193.70	0.12	0.10	MWD
OH	10,661.0	0.10	142.00	YNN	10,643.43	193.55	237.48	193.55	0.24	-0.10	MWD
OH	10,736.0	0.10	15.10	YNN	10,718.43	193.56	237.53	193.56	0.24	0.00	MWD
OH	10,758.0	0.20	141.50	YNN	10,740.43	193.55	237.56	193.55	1.23	0.45	MWD
OH	10,855.0	0.90	150.80	YNN	10,837.43	192.76	238.04	192.76	0.73	0.72	MWD
OH	10,952.0	1.20	161.20	YNN	10,934.41	191.13	238.74	191.13	0.37	0.31	MWD
OH	11,197.0	1.90	156.60	YNN	11,179.32	184.97	241.18	184.97	0.29	0.29	MWD
OH	11,324.0	2.60	159.10	YNN	11,306.22	180.35	243.04	180.35	0.56	0.55	MWD
OH	11,421.0	3.00	164.40	YNN	11,403.11	175.85	244.51	175.85	0.49	0.41	MWD
OH	11,518.0	3.20	170.00	YNN	11,499.96	170.74	245.66	170.74	0.37	0.21	MWD
OH	11,648.0	3.00	179.80	YNN	11,629.78	163.76	246.30	163.76	0.44	-0.15	MWD
OH	11,713.0	3.00	177.40	YNN	11,694.69	160.36	246.39	160.36	0.19	0.00	MWD
OH	11,810.0	2.80	185.10	YNN	11,791.56	155.47	246.29	155.47	0.45	-0.21	MWD
OH	11,907.0	3.00	193.90	YNN	11,888.44	150.64	245.47	150.64	0.50	0.21	MWD
OH	12,004.0	3.00	201.60	YNN	11,985.31	145.82	243.93	145.82	0.42	0.00	MWD
OH	12,101.0	2.80	209.00	YNN	12,082.18	141.39	241.84	141.39	0.44	-0.21	MWD
OH	12,198.0	2.30	210.40	YNN	12,179.09	137.64	239.71	137.64	0.52	-0.52	MWD
OH	12,295.0	1.80	211.10	YNN	12,276.02	134.65	237.94	134.65	0.52	-0.52	MWD
OH	12,495.0	1.40	186.30	YNN	12,475.95	129.54	236.05	129.54	0.40	-0.20	MSS

43-047-39811

Questar E & P

Operations Summary Report - DRILLING

Well Name: FR 4P-21-14-20
Location: 21- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 3/30/2008
Rig Release: 5/23/2005
Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/4/2008	06:00 - 14:00	8.00	LOC	4	MOVE IN AND RIG UP.
	14:00 - 02:00	12.00	DRL	9	DRILL SURFACE 14 3/4" TO 557'. START DRILLING 14:00 HRS ON 4-2-08. TD AT 01:15 HRS ON 4-3-08.
	02:00 - 04:00	2.00	CSG	2	RAN 12 JOINTS OF 10 3/4", J-55, 40.5#, ST&C AS FOLLOWS: SHOE AT 530', FLOAT AT 482', BAKER LOCK SHOE AND TOP AND BOTTOM OF FLOAT COLLAR. RAN 4 CENTRALIZERS 3 ON BOTTOM AND ONE AT 135'.
	04:00 - 06:00	2.00	CMT	2	CEMENT AS FOLLOWS:TEST LINES TO 1000 PSI, PUMP 40 BBL FRESH WATER AND 20 BBL OF GEL SPACER. TAIL CEMENT 350 SK, 15.8 PPG, YEALD 1.15 5 GAL/SK, 7106 BBL. TOP OUT 50 SK, 10.2 BBL, 15.8 PPG, TOTAL SACKS PUMPED 400. PLUG BUMPED, FLOATS HELD, NO CEMENT TO SURFACE. CEMENT IN PLACE 06:20 HRS.
4/12/2008	06:00 - 18:00	12.00	LOC	4	RIGGED DOWN W/ 12 MEN AND 2 TOOLPUSHERS AND 8 TRUCKS, CRANE
	18:00 - 06:00	12.00	LOC	4	RIG IDLE WAITING ON DAYLIGHTS.
4/13/2008	06:00 - 18:00	12.00	LOC	4	RIGGED DOWN AND MOVE W/ 12 HANDS 2 TOOLPUSHERS.
	18:00 - 06:00	12.00	LOC	4	WAIT ON DAYLIGHT.
4/14/2008	06:00 - 18:00	12.00	LOC	4	RIGGED UP WITH 2 CREWS AND 2 TOOLPUSHERS
	18:00 - 06:00	12.00	LOC	4	WAIT ON DAYLIGHT
4/15/2008	06:00 - 18:00	12.00	LOC	4	RIGGED UP WITH 12 MEN AND 2 TOOLPUSHERS. STRUNG UP DRILLING LINE, LUGGED IN, , BOTTOM DOGHOUSE, PARTS HOUSES, TRAILERS ALL RIGGED UP, SET AIR COMPRESSORS MIST PUMP, CALLED OUT DIRECTIONAL PEOPLE FOR WEDNESDAY, AIR PERSONEL HERE, BREAKING TOUR TUESDAY. LOGGERS NOTIFIED AND DIRECTIONAL PEOPLE.
	18:00 - 06:00	12.00	LOC	4	WAIT ON DAYLIGHT
4/16/2008	06:00 - 06:00	24.00	LOC	4	RIGGED UP 24 HOURS, BROKE TOUR.
4/17/2008	06:00 - 18:00	12.00	LOC	4	SET ON HYDRIL, REINSTALL FLOOR PLATES AND ROTARY TABLE, RIG UP AIR MANIFOLDS, SET IN BLOOIE LINE, HAULED WATER, SET FLOW LINE OUT THRU SUB, PICKED UP TOP DRIVE
	18:00 - 06:00	12.00	LOC	4	RIGGED UP SERVICE LOOP TO TOP DRIVE, TROUBLE SHOOT ELECTRICAL ON TOP DRIVE, RIG UO CHOKE LINE ON BOP, BREAK OUT AND CHANGE OUT RAMS, NIPPLE UP, PICK UP AND MAKE UP ALL CONNECTIONS ON TOP DRIVE.
4/18/2008	06:00 - 10:30	4.50	LOC	4	TORQUE SWIVEL CONNECTIONS.
	10:30 - 19:00	8.50	BOP	2	PRESSURE TESTED BOP'S TO 5000 PSI AND 2500 PSI ANNULAR, WITH A LOW TEST OF 250 PSI ON ALL. TESTED CHOKE MANIFOLD AND ASSOCIATED EQUIPMENT. TOP DRIVE VALVES AND FLOOR VALES.
	19:00 - 20:00	1.00	RIG	2	RAN PRE JOB RIG INSPECTION.
	20:00 - 23:00	3.00	RIG	2	TROUBLE SHOOT TOP DRIVE HYDRAULICS
	23:00 - 06:00	7.00	TRP	1	PICKING UP DIRECTIONAL TOOLS AND BHA.
4/19/2008	06:00 - 07:30	1.50	EQT	5	TESTED WEATHERFORD AIR LINES.
	07:30 - 08:00	0.50	OTH		HELD SAFETY MEETING W/ ALL PERSONEL ON TRAPPED PRESSURE WHILE DRILLING W/ AIR.
	08:00 - 15:00	7.00	DRL	2	DIRECTIONALLY DRILLED FROM 520' TO 722'.
	15:00 - 17:00	2.00	RIG	2	REPAIRED RIG AIR COMPRESSOR.
	17:00 - 18:00	1.00	RIG	2	REPLACED CROWN SENSOR AND CABLE, AND JCT BOX FOR PASON.
	18:00 - 21:30	3.50	DRL	2	DIRECTIONALLY DRILLED AND ROTARY DRILLED FROM 722 TO 845'.
	21:30 - 22:00	0.50	RIG	2	WORKED ON AIR COMPRESSORS (WEATHERFORD.)
	22:00 - 22:30	0.50	DRL	1	DRILLED FROM 845 TO 935'.
	22:30 - 01:30	3.00	RIG	2	REPAIRED TOP DRIVE.
	01:30 - 06:00	4.50	DRL	1	DRILLED FROM 935 TO 1308'. 1500 CFM AND 42 GALS MIST. PSI 350
4/20/2008	06:00 - 14:00	8.00	DRL	2	DRILL F/ 1404-1617'.
	14:00 - 16:00	2.00	TRP	13	TRIPPED OUT OF THE HOLE FOR BLOOIE LINE COMING APART.
	16:00 - 17:00	1.00	TRP	13	TRIPPED TO INSPECT BHA WHILE WAITING ON THE WELDER AND DRILLER FORGOT TO PULL THE ROTATING HEAD AND PULLED THE BENT HOUSING

Operations Summary Report

Well Name: FR 4P-21-14-20
Location: 21- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 3/30/2008
Rig Release: 5/23/2005
Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/20/2008	16:00 - 17:00	1.00	TRP	13	MOTOR INTO THE HEAD STICKING IT.
	17:00 - 20:30	3.50	RIG	2	CUT OFF ROTATING HEAD FROM BENT HOUSING MOTOR.
	20:30 - 02:00	5.50	RIG	2	WELD ON BLOOIE LINE UNIONS AND REINSTALL.
	02:00 - 04:30	2.50	RIG	2	WORKED ON 37 PIN CONTROL LINE TO TOP DRIVE. FOUND O RING LEAKS AND CRACKS AND REPAIRED OIL LEAKS.
	04:30 - 06:00	1.50	TRP	13	TRIPPED IN THE HOLE TO DRILL.
4/21/2008	06:00 - 08:00	2.00	TRP	13	TRIPPED IN THE HOLE. UNLOAD HOLE TO DRILL. 1500 CFM 42 GALS PER MINUTE
	08:00 - 12:30	4.50	RIG	2	REPAIRED BLOOIE LINE, AND SECURED.
	12:30 - 22:00	9.50	DRL	2	DRILLED FROM 1617 TO 2082'. RAN 1500 CFM 42 GPM.
	22:00 - 22:30	0.50	RIG	1	SERVICED AIR COMPRESSORS.
	22:30 - 06:00	7.50	DRL	2	DRILLED FROM 2082 TO 2510'.
4/22/2008	06:00 - 11:30	5.50	DRL	1	DRILLED FROM 2510' TO 2759' W/ 1500 CFM AND 40 GPM.
	11:30 - 14:00	2.50	TRP	10	TRIPPED OUT OF THE HOLE FOR BIT # 3. (SLM) NO CORRECTION
	14:00 - 15:00	1.00	TRP	10	TRIPPED IN THE HOLE.
	15:00 - 15:30	0.50	CIRC	1	BROKE CIRCULATION AT 1600'.
	15:30 - 16:30	1.00	TRP	10	TRIPPED IN THE HOLE TO 2659'.
	16:30 - 19:00	2.50	CIRC	1	BREAK CIRCULATION AND UNLOAD THE HOLE AND WASH TO BOTTOM. SURVEY.
	19:00 - 06:00	11.00	DRL	1	DRILLED FROM 2759 T/ 3190'. CFM 1500, RUNNING 270 GPM TO DISPOSE WATER
4/23/2008	06:00 - 09:30	3.50	DRL	1	DRILLED FROM 3190 TO 3244 W/ 800 CFM AND 296 GALS TO REDUCE RESERVE WATER.
	09:30 - 13:30	4.00	RIG	2	REPAIR COUPLER ON TOP DRIVE POWER UNIT AND STARTER ON SAME.
	13:30 - 06:00	16.50	DRL	1	DRILLED FROM 3244 TO 3857'. RUNNING 800 CFM AND 295 GPM.
4/24/2008	06:00 - 13:30	7.50	DRL	1	DRLG F/ 3857 T/ 4116 WOB 30, TRPM 105, 700 CFM AIR, STK 110, GPM319, SPP 714, ROP 34.5
	13:30 - 14:00	0.50	RIG	1	RIG SERVICE
	14:00 - 06:00	16.00	DRL	1	DRLG F/ 4116 T/ 4338 ROP 13.8, SAME AS ABOVE
4/25/2008	06:00 - 07:00	1.00	DRL	1	DRLG F/ 4338 T/ 4352
	07:00 - 07:30	0.50	CIRC	1	CIRC & BLOW HOLE CLEAN
	07:30 - 10:00	2.50	TRP	14	SHORT TRIP, SLM
	10:00 - 10:30	0.50	RIG	1	RIG SERVICE
	10:30 - 11:30	1.00	RIG	6	CUT DRILLING LINE
	11:30 - 13:00	1.50	TRP	14	RIH
	13:00 - 14:30	1.50	OTH		WORK TIGHT HOLE F/ 2500 T/ 2700
	14:30 - 15:30	1.00	TRP	14	RIH
	15:30 - 16:00	0.50	REAM	1	SAFETY WASH F/ 4202 T/ 4352
	16:00 - 17:00	1.00	CIRC	1	CIRC & BLOW HOLE
	17:00 - 19:00	2.00	TRP	2	POOH FOR LOGS
	19:00 - 22:30	3.50	TRP	1	L/D 6 1/2" DC & 8" MONELS
	22:30 - 23:00	0.50	CSG	1	L/D ELEVATORS & BALES
	23:00 - 00:30	1.50	CSG	1	HOLD SAFETY MTG & RIG UP CSG CREW
	00:30 - 06:00	5.50	CSG	2	RUN 7 5/8 CSG T/ 4246 TIGHT HOLE @ 4246
4/26/2008	06:00 - 12:30	6.50	CSG	2	CLOSED ANNULAR & CIRCULATED THROUGH PANIC LINE TO PIT, BACKED PRESSURE OFF ON ANNULAR TO 250 PSI & STRIPED INTO THE HOLE . INSTALLED ROTATING HEAD RUBBER & WASHED TO THE MANDRILL HANGER
	12:30 - 15:30	3.00	CSG	7	PJSM WITH CAMRON PACK OFF MANDRILL HANGER & P/U CEMENT RETAINER, & RIG UP HALLIBURTON
	15:30 - 19:00	3.50	CMT	2	PJSM WITH HALLIBURTON, TEST LINES & CEMENT 7 5/8 CSG
	19:00 - 20:00	1.00	CMT	1	R/D HALLIBURTON
	20:00 - 03:00	7.00	OTH		C/O BAILS, ELEVATORS, BOLIE LINE TO FLOW LINE, LAY OUT 4 3/4" DC

Operations Summary Report

Well Name: FR 4P-21-14-20
Location: 21- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 3/30/2008
Rig Release: 5/23/2005
Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/26/2008	03:00 - 06:00	3.00	TRP	1	P/U NEW SLIM HOLE BHA
4/27/2008	06:00 - 07:30	1.50	TRP	1	RIH T/ 3916
	07:30 - 08:00	0.50	RIG	1	RIG SERVICE
	08:00 - 12:30	4.50	RIG	2	STARTER ON TOP DRIVE MOTOR BROKEN, GETTING NEW STARTER FORM RIG 236
	12:30 - 14:30	2.00	DRL	4	DRLG OUT CEMENT EQUIPMENT & CEMENT FLOAT COLLAR @ 4193, SHOE @ 4288
	14:30 - 15:00	0.50	DRL	1	DRLG F/ 4352 T/ 4362 WOB 6, MOTOR .56 RPG WITH A 1.5 BEND, 203 GPM, 113 DHRPM, TDRPM 45, SPM 70, DIFF PSI 252, SPP 922
	15:00 - 15:30	0.50	EQT	2	FIT TEST 8.4 MW X 650 PSI = 11.3 EMW
	15:30 - 22:30	7.00	DRL	1	DRLG F/ 4362 T/ 4595 WOB 6/10, GPM 203, DHRPM 113, TDRPM 45, SPM 70, DIFF 207, SPP 945, MW 8.6
	22:30 - 00:00	1.50	OTH		HOLE PACKED OFF ON CONN. WORKED 3 STD OUT, ESTABLISH CIRC & WASHED & REAMNED BACK TO BOTTOM
	00:00 - 06:00	6.00	DRL	1	DELG F/ 4595 T/ 4800 WOB 6/10, 203 GPM, DHRPM 113, TDRPM 45, SPM 70, DIFF PSI 117, SPP 820, ROP 34.1
4/28/2008	06:00 - 08:30	2.50	DRL	1	DRLG F/ 4800 T/ 4918 WOB 6/10, DHRPM 113, SPM 70, TDRPM 45, SPP 922, DIFF 243, MW 8.6, ROP 47.2
	08:30 - 10:00	1.50	CIRC	1	CIRC & COND MUD
	10:00 - 10:30	0.50	CIRC	1	BUILD TRIP SLUG & PUMP
	10:30 - 12:30	2.00	TRP	2	POOH TO L/D NEVIS MOTOR & P/U SCHULMBERGER POWER "V"
	12:30 - 14:00	1.50	TRP	2	L/D NIVIS MOTOR & P/U POWER V
	14:00 - 14:30	0.50	RIG	1	RIG SERVICE
	14:30 - 16:30	2.00	TRP	1	RIH & WASH TO BOTTOM
	16:30 - 06:00	13.50	DRL	1	DRLG F/ 4918 T/ 5115 WOB 10/12, SPM 81, GPM 235, RPM 60/75, SPP 1075, MW 8.7, ROP 13.7
4/29/2008	06:00 - 15:30	9.50	DRL	1	DRLG F/ 5115 T/ 5366 WOB 10/12, RPM 60/80, SPM 80, SPP 1100, DIFF 227, MW 8.9, ROP 26.4
	15:30 - 16:00	0.50	RIG	1	RIG SERVICE
	16:00 - 06:00	14.00	DRL	1	DRLG F/ 5366 T/ 5756 WOB 10/13, RPM 60/90, SPM 81, SPP 1120, DIFF 63, MW 8.9, ROP 27.8
4/30/2008	06:00 - 06:30	0.50	RIG	1	RIG SERVICE
	06:30 - 06:00	23.50	DRL	1	DRLG F/ 5756 T/ 6358 WOB 10/18, RPM 60/95, STK 80, SPP 1050, DIFF 16,MW 9.0, NO MOTOR,
5/1/2008	06:00 - 11:00	5.00	DRL	1	DRLG F/ 6358 T/ 6530 WOB 12/18, RPM 80/95, STK 80, SPP 1024, MW 9.0 ROP 34.4
	11:00 - 11:30	0.50	RIG	1	RIG SERVICE
	11:30 - 16:00	4.50	DRL	1	DRLG F/ 6530 T/ 6629 WOB 12/16, RPM 90/95, STK 83, SPP 1183,MW 9.0, ROP 22.0
	16:00 - 17:00	1.00	CIRC	1	CIRC & BUILD TRIP PILL
	17:00 - 21:00	4.00	TRP	2	POOH
	21:00 - 22:00	1.00	TRP	2	C/O POWER V & BIT
	22:00 - 01:00	3.00	TRP	2	RIH
	01:00 - 01:30	0.50	REAM	1	SAFTY WASH F/6446 T/ 6629
	01:30 - 06:00	4.50	DRL	1	DRLG F/ 6629 T/ 6683 WOB 8/12, RPM 70/90, STK 80, SPP 1025, MW 9.1, ROP 12.0
5/2/2008	06:00 - 18:30	12.50	DRL	1	DRLG F/ 6683 T/ 6803 WOB 8/18, RPM 50/ 105, SPM 81, SPP 1050, MW 9.0 ROP 10
	18:30 - 19:00	0.50	CIRC	1	FLOW CHECK & PUMP DRY UP SLUG
	19:00 - 21:30	2.50	TRP	10	POOH
	21:30 - 22:30	1.00	TRP	2	C/O BIT & FLOAT
	22:30 - 01:30	3.00	TRP	10	RIH
	01:30 - 02:00	0.50	REAM	1	SAFETY WASH F/6603 T/ 6803

Operations Summary Report

Well Name: FR 4P-21-14-20
Location: 21- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 3/30/2008
Rig Release: 5/23/2005
Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/2/2008	02:00 - 06:00	4.00	DRL	1	DRLG F/ 6803 T/ 6847 WOB 6/8, RPM 60/75, SPM 80, SPP 1063, MW 9.1 ROP 10
5/3/2008	06:00 - 10:00	4.00	DRL	1	DRLG F/ 6847 T/ 6919 WOB 8, RPM 65, SPM 80, SPP 1047, MW 9.0, ROP 18
	10:00 - 10:30	0.50	RIG	1	RIG SERVICE
	10:30 - 06:00	19.50	DRL	1	DRLG F/ 6919 T/ 7460, WOB 6/9, RPM 60/ 85, SPM 88, SPP 1193, MW 9.0, ROP27.7
5/4/2008	06:00 - 08:00	2.00	DRL	1	DRLG F/ 7460 T/ 7500, WOB 9/10, RPM 75/85, SPM 88, SPP 1217, MW 9.0 ROP 20
	08:00 - 08:30	0.50	RIG	1	RIG SERVICE
	08:30 - 06:00	21.50	DRL	1	DRLG F/ 7500 T/ 8065 WOB 9/15, RPM 75/85, SPM 88, SPP1271, MW 9.0 ROP 26.2
5/5/2008	06:00 - 06:30	0.50	DRL	1	DRLG F/ 8065 T/ 8081 WOB 15, RPM 70, SPM 88, SPP 1294, MW 9.0, ROP 32
	06:30 - 07:00	0.50	RIG	1	RIG SERVICE
	07:00 - 10:00	3.00	DRL	1	DRLG F/ 8081 T/ 8154 WOB 15, RPM 75, SPM 88, SPP 1396, MW 9.0, ROP 24.3
	10:00 - 10:30	0.50	OTH		C/O RUBBER ON ROTATING HEAD
	10:30 - 06:00	19.50	DRL	1	DRLG F/ 8154 T/ 8585 WOB 17, RPM 80, SPM 88, SPP 1340, MW 9.0, ROP 22.1
5/6/2008	06:00 - 09:00	3.00	DRL	1	DRLG F/ 8585 T/ 8664 WOB 18, RPM 80, STK 88, SPP 1382, MW 9.0 ROP 26.3
	09:00 - 09:30	0.50	RIG	1	RIG SERVICE, C/O SAVER SUB
	09:30 - 16:30	7.00	DRL	1	DRLG F/ 8664 T/ 8855 WOB 18, RPM 80/90, STK 88, SPP 1425, MW 9.1, ROP 27.2
	16:30 - 04:00	11.50	RIG	2	RIG REPAIR, ELECTRICAL PROBLEMS IN SCR HOUSE; NO PUMPS, NO DRAWWORKS
	04:00 - 06:00	2.00	DRL	1	DRLG F/ 8855 T/ 8920 WOB 18, RPM 90, STK 88, SPP 1383, MW 9.1, ROP 32.5
5/7/2008	06:00 - 09:00	3.00	DRL	1	DRLG F/ 8920 T/ 8952 WOB 20, RPM 90, STK 88, SPP 1440, MW 9.1, ROP 12.8
	09:00 - 09:30	0.50	RIG	1	RIG SERVICE
	09:30 - 10:00	0.50	OTH		FLOW CHECK & PUMP DRY UP PILL
	10:00 - 13:30	3.50	TRP	2	POOH
	13:30 - 14:30	1.00	TRP	2	C/O POWER V & BIT
	14:30 - 15:30	1.00	TRP	2	RIH, LOST GRABBER DIE DOWN HOLE
	15:30 - 16:30	1.00	RIG	6	CUT DRLG LINE
	16:30 - 18:30	2.00	TRP	2	POOH
	18:30 - 21:00	2.50	WOT	4	WAIT ON FISHING TOOLS, MONTOR WELL THREW TRIP TANK
	21:00 - 01:30	4.50	TRP	1	P/U REVERSE CIRC BASKET & TRIP IN HOLE
	01:30 - 02:30	1.00	CIRC	1	CIRC BOTTOMS UP
	02:30 - 03:00	0.50	REAM	1	WASH TO BOTTOM
	03:00 - 04:30	1.50	FISH	5	DROP BALL, & CUT 1 FT CORE TO RETRIVE DIE.
	04:30 - 06:00	1.50	TRP	2	POOH
5/8/2008	06:00 - 10:00	4.00	TRP	2	POOH
	10:00 - 10:30	0.50	OTH		L/D CORE FROM JUNK BASKET, NO DIE
	10:30 - 11:30	1.00	RIG	2	REPAIR PIPE GRABBER ON TOP DRIVE
	11:30 - 13:00	1.50	TRP	2	RIH T/ 2500'
	13:00 - 16:30	3.50	TRP	2	BACK ON QUESTAR TIME; RIH F/ 2500 T/ 8855'.
	16:30 - 17:30	1.00	REAM	1	SAFETY WASH AND REAMED FROM 8855 TO 8952'.
	17:30 - 06:00	12.50	DRL	1	DRLG F/ 8,952' T/ 9,370 WOB 14, RPM 80/90, STK 85, SPP 1425, MW 9.1, ROP 33.4
5/9/2008	06:00 - 08:00	2.00	DRL	1	DRLG F/ 9,370' T/9,437' WOB 14, RPM 80/90, STK 80, SPP 1304, MW 9.1, ROP 33.5
	08:00 - 08:30	0.50	RIG	1	RIG SERVICE
	08:30 - 14:00	5.50	DRL	1	DRLG F/ 9,437' T/9,569' WOB 16, RPM 80/90, STK 80, SPP 1350, MW 9.1, ROP 24
	14:00 - 14:30	0.50	RIG	8	REPLACE PASON FLOW SENSOR
	14:30 - 06:00	15.50	DRL	1	DRLG F/ 9,569' T/9,980' WOB 16, RPM 80/90, STK 80, SPP 1390, MW 9.1, ROP 26.51
5/10/2008	06:00 - 10:30	4.50	DRL	1	DRLG F/ 9,980' T/ 10,118' WOB 16, RPM 80/90, STK 80, SPP 1415, MW 9.1, ROP

Operations Summary Report

Well Name: FR 4P-21-14-20
Location: 21- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 3/30/2008
Rig Release: 5/23/2005
Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/10/2008	06:00 - 10:30	4.50	DRL	1	30.66
	10:30 - 11:00	0.50	RIG	1	RIG SERVICE
	11:00 - 06:00	19.00	RIG	1	DRLG F/ 10,118' T/ 10,690' WOB 16, RPM 80/90, STK 80, SPP 1480, MW 9.2, ROP 30.10
5/11/2008	06:00 - 10:00	4.00	DRL	1	DRLG F/ 10,690' T/ 10,778' WOB 16, RPM 80/90, STK 80, SPP 1480, MW 9.2, ROP 22
	10:00 - 10:30	0.50	CIRC	1	CIRCULATE BOTTOM UP/BUILD HEAVY PILL
	10:30 - 19:00	8.50	TRP	10	FLOW CHECK/ PUMP DRY PILL/ TOOH/ S.L.M/ INSPECTING BHA
	19:00 - 19:30	0.50	RIG	1	RIG SERVICE
	19:30 - 23:00	3.50	ISP	1	INSPECTING BHA
	23:00 - 23:30	0.50	TRP	1	L/D POWER DRIVE & P/U MUD MOTOR, BIT
	23:30 - 01:00	1.50	RIG	2	TROUBLE SHOOT TOP DRIVE & REPAIR ELECTRICAL DIS-FUNCTION
	01:00 - 05:00	4.00	TRP	2	TIH WITH BHA & DRILL PIPE FILL PIPE @ SHOE
	05:00 - 06:00	1.00	REAM	1	WASH & REAM F/10,646' TO 10,778'
5/12/2008	06:00 - 09:30	3.50	DRL	1	DRLG F/ 10,778' T/ 10,808' WOB 10, RPM 107, STK 91, SPP 1250, MW 9.2, ROP 8.57
	09:30 - 10:00	0.50	RIG	1	RIG SERVICE
	10:00 - 22:00	12.00	DRL	1	DRLG F/ 10,808' T/ 10,965' WOB 10, RPM 107, STK 91, SPP 1250, MW 9.2, ROP 13.08
	22:00 - 22:30	0.50	CIRC	1	CIRCULATE & PUMP DRY PILL
	22:30 - 02:30	4.00	TRP	10	TOOH AND FLOW CHECK @ SHOE
	02:30 - 03:00	0.50	TRP	1	BREAK OUT BIT & L/D MUD MOTOR
	03:00 - 06:00	3.00	TRP	2	P/U MUD MOTOR, M/U BIT & TIH WITH DRILL PIPE
5/13/2008	06:00 - 08:00	2.00	TRP	2	TIH / FILL PIPE @ SHOE & 10,000'
	08:00 - 08:30	0.50	REAM	1	WASH AND REAM F/10,808' TO 10,965'
	08:30 - 11:00	2.50	DRL	1	DRLG F/ 10,965' T/ 11,002' WOB 5/10, RPM 110, STK 91, SPP 1370, MW 9.2, ROP 14.8
	11:00 - 11:30	0.50	RIG	1	RIG SERVICE
	11:30 - 06:00	18.50	DRL	1	DRLG F/ 11,002' T/ 11,215' WOB 5/12, RPM 110, STK 91, SPP 1370, MW 9.2, ROP 11.90
5/14/2008	06:00 - 12:30	6.50	DRL	1	DRILLED FROM 11215 TO 11253' ROP 5.8.
	12:30 - 13:30	1.00	CIRC	1	CIRCULATED SWEEP NUT PLUG.
	13:30 - 14:00	0.50	DRL	1	DRILLED F/ 11253 TO 11256'.
	14:00 - 19:00	5.00	TRP	10	CHECK FLOW AND PUMP PILL TRIP OUT OF THE HOLE.
	19:00 - 21:00	2.00	TRP	1	L/D GAB SUB, PONY NMDC & P/U MULESHOE, M/U BIT
	21:00 - 03:00	6.00	TRP	2	TIH TEST MWD & FILL PIPE @ SHOE & 10,025'
	03:00 - 03:30	0.50	REAM	1	WASH & REAM F/11,118' TO 11,256'
	03:30 - 06:00	2.50	DRL	1	DRLG F/ 11,256' T/ 11,310' WOB 5/8, RPM 110, STK 91, SPP 1466, MW 9.2, ROP 21.60
5/15/2008	06:00 - 13:00	7.00	DRL	1	DRLG F/ 11,310' T/ 11,471' WOB 6/10, RPM 110, STK 91, SPP 1250, MW 9.2, ROP 23
	13:00 - 13:30	0.50	RIG	1	RIG SERVICE
	13:30 - 06:00	16.50	DRL	1	DRLG F/ 11,471' T/ 11,700' WOB 10/12, RPM 110, STK 91, SPP 1280, MW 9.2, ROP 13.8 MWD FAILURE NO SIGNAL @ 11,667'
5/16/2008	06:00 - 20:00	14.00	DRL	1	DRLG F/ 11,700' T/ 11,862' WOB 16/18, RPM 110, STK 91, SPP 1280, MW 9.2, ROP 11.57
	20:00 - 20:30	0.50	RIG	1	RIG SERVICE
	20:30 - 06:00	9.50	DRL	1	DRLG F/ 11,862' T/ 11,987' WOB 16/18, RPM 110, STK 91, SPP 1280, MW 9.2, ROP 13.15 DRILLING BREAKS @ 11,880' TO 11,896' AND 11,915' TO 11,924' AND 11,933' TO 11,945'
5/17/2008	06:00 - 09:30	3.50	DRL	1	DRILLED FROM 11987 TO 12056'. ROP 19.71'./ HR
	09:30 - 10:00	0.50	RIG	1	SERVICED RIG.
	10:00 - 15:00	5.00	DRL	1	DRILLED FROM 12056 TO 12100'. ROP 8.8' / HR

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Operations Summary Report

Well Name: FR 4P-21-14-20
Location: 21- 14-S 20-E 26
Rig Name: UNIT

Spud Date: 3/30/2008
Rig Release: 5/23/2005
Rig Number: 232

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/17/2008	15:00 - 20:30	5.50	TRP	10	CIRCULATED PUMPED PILL AND TRIPPED OUT FOR BIT # 12.
	20:30 - 21:30	1.00	TRP	1	BREAK BIT, CHECK MWD TOOL AND M/U BIT
	21:30 - 00:00	2.50	TRP	2	TRIP IN HOLE WITH BHA AND DRILL PIPE TO SHOE FILL PIPE
	00:00 - 01:00	1.00	RIG	6	SLIP AND CUT DRILL PIPE
	01:00 - 04:30	3.50	TRP	2	TRIP IN HOLE WITH DRILL PIPE
	04:30 - 05:00	0.50	REAM	1	WASH AND REAM F/11,959' TO 12,100'
	05:00 - 06:00	1.00	DRL	1	DRILLED FROM 12100' TO 12110'. ROP 10' / HR
5/18/2008	06:00 - 08:00	2.00	DRL	1	DRLG F/ 12,110' T/ 12,138' WOB 8/10, RPM 110, STK 91, SPP 1250, MW 9.2, ROP 14
	08:00 - 10:30	2.50	RIG	2	CHANGE OUT COUPLING ON TOP DRIVE MOTOR
	10:30 - 06:00	19.50	DRL	1	DRLG F/ 12,138' T/ 12,256' WOB 8/10, RPM 110, STK 91, SPP 1250, MW 9.2, ROP 6
5/19/2008	06:00 - 19:30	13.50	DRL	1	DRLG F/ 12,256' T/ 12,347' WOB 16/18, RPM 110, STK 91, SPP 1350, MW 9.2, ROP 6.74
	19:30 - 20:00	0.50	RIG	1	RIG SERVICE
	20:00 - 04:00	8.00	DRL	1	DRLG F/ 12,347' T/ 12,403' WOB 16/20, RPM 110, STK 91, SPP 1350, MW 9.2, ROP 7
	04:00 - 06:00	2.00	TRP	2	FLOW CHECK, PUMP DRY PILL AND TOOH
5/20/2008	06:00 - 09:30	3.50	TRP	10	POOH
	09:30 - 12:00	2.50	TRP	10	L/D TWO MONEL D/C, PONEY MONEL, HANG OFF SUB & P/U MONEL & BIT
	12:00 - 12:30	0.50	RIG	1	RIG SERVICE
	12:30 - 19:00	6.50	TRP	10	RIH
	19:00 - 20:30	1.50	REAM	1	WASH & REAM F/ 12223 T/ 12404
	20:30 - 06:00	9.50	DRL	1	DRLG F/ 12403 T/ 12453 WOB 6/10, STK 93, DHRPM 46, TDRPM 55/65, SPP 1253, DIFF 105, MW 9.2+ ROP5.26
5/21/2008	06:00 - 13:30	7.50	DRL	1	DRLG F/ 12453 T/ 12500 WOB 10, STK 93, DHRPM 46, TDRPM 50/55, SPP 1243, DIFF 100, MW 9.2, ROP 6.2
	13:30 - 14:30	1.00	CIRC	1	CIRC BOTTOMS UP
	14:30 - 16:30	2.00	TRP	14	SHORT TRIP F/ 12500 T/ 11511
	16:30 - 18:30	2.00	CIRC	1	CIRC FOR LOGS
	18:30 - 01:00	6.50	TRP	2	POOH FOR LOGS
	01:00 - 02:00	1.00	LOG	1	PJSM & RIG UP LOGGERS
	02:00 - 06:00	4.00			LOG HOLE, TRIPLE EXPRESS & SONIC
5/22/2008	06:00 - 07:30	1.50	LOG	1	LOGGING 6.2" HOLE
	07:30 - 13:00	5.50	TRP	15	RIN
	13:00 - 13:30	0.50	REAM	1	WEAH TO BOTTOM F/ 12279 T/ 12500
	13:30 - 16:30	3.00	CIRC	1	CIRC & COND MUD,
	16:30 - 17:00	0.50	OTH		FLOW CHECK, DROP SURVEY
	17:00 - 06:00	13.00	TRP	3	PJSM & RIG UP L/D CREW, L/D DP
5/23/2008	06:00 - 08:00	2.00	TRP	3	L/D DP
	08:00 - 09:00	1.00	OTH		PULL WEAR BUSHING, L/D ELEVATORS & BAILS
	09:00 - 10:00	1.00	CSG	1	PJSM & R/U CSG
	10:00 - 19:00	9.00	CSG	2	RUN 4 1/2 CSG
	19:00 - 23:00	4.00	CIRC	1	CIRC & COND MUD, R/D CSG CREW, LOWER MW FROM 9.3 TO 9.2 CICR @ 101 SPM, 294 GPM SPP 933
	23:00 - 00:00	1.00	CSG	7	INSTALL CEMENT PACKOFF
	00:00 - 04:00	4.00	CMT	2	CEMENT 4 1/2" CSG
	04:00 - 06:00	2.00	BOP	1	CLEAN MUD TANKS & NIPPLE DOWN BOP
5/24/2008	06:00 - 12:00	6.00	BOP	1	NIPPLE DOWN BOP & CLEAN MUD TANKS
	12:00 - 18:00	6.00	LOC	4	RIG RELEASED @ 1200 HR RIG DOWN TOP DRIVE, SERVICE LOOP, MUD PITS, LOAD OUT UNUSED CHEMICALS, PULL WIRES TO PUMP SHED, RIG DOWN CHOKE LINE AND FLOW LINE
	18:00 - 06:00	12.00	LOC	4	WAIT ON DAYLIGHT

Operations Summary Report - COMPLETION

Well Name: FR 4P-21-14-20
Location: 21- 14-S 20-E 26
Rig Name: BASIN WELL SERVICE

Spud Date: 3/30/2008
Rig Release:
Rig Number: 1

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/11/2008	06:00 - 16:00	10.00	BOP	1	"TIGHT HOLE": Completion of new well On 6/10/08 MIRU Basin Well Service to start completion of well. NDWH and NU 7-1/16" x10M# BOP stack. Spot in equipment. SDFN. On 6/11/08 will start to tally and rabbit in the hole with bit and scraper and new tbg... CASING SIZE: 4-1/2" 13.5# P-11 CASING DEPTH: 12558' FC@ 12556???
6/12/2008	06:00 - 16:00	10.00	LOC	2	"TIGHT HOLE": Completion of new well On 6/11/08 tally and rabbit in the hole with a 3-3/4" bit and 4-1/2" csg.scraper and new 2-3/8" EUE 8rd 4.7# P-110 tbg.to 7600'. SIFN. On 6/12/08 will continue to RIH with new tbg. and circ.hole with 2% KCL water at PBTD. CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC@ 12556???
6/13/2008	06:00 - 16:00	10.00	TRP	10	"TIGHT HOLE": Completion of new well On 6/12/08 continue to tally in the hole with 3-3/4" bit and 4-1/2" csg.scraper and new 2-3/8" P-110 tbg.to tag at 12520'. Circ.hole with 2% KCL water. Pull bit to 12200' and SIFN. On 6/13/08 will POOH with bit and scraper and tbg.and SIFW. CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC@ 12556???
6/16/2008	06:00 - 16:00	10.00	TRP	10	"TIGHT HOLE": Completion of new well On 6/13/08 SITP and SICP=0# with no perfs open. Finish POOH with bit and scraper and tbg. SIFW. On 6/16/08 will run cased hole logs, pressure test and perforate intial zone. CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC@ 12556???
6/17/2008	06:00 - 16:00	10.00	BOP	1	"TIGHT HOLE": Completion of new well On 6/16/08 SCIP=0#. MIRU Cased Hole solutins and ran a CBL/VDL/GR log from tag at 12360' to 230' with top of cement est.at 580'. Correlated the log to the Schlumberger Express OH log dated 5/21/08 run #1. RU B&C Qick Test and test csg.and BOP stack and flow back manifold to 9000# and OK. RDMO Quick Test. Perforate with the hole full of 2% KCL water the following Kayenta interval at 3 JPF and 120° phasing using a 3-1/8" csg.gun per the CBL log dated 6/16/08: 12276 -12284' (24 holes). No change in fluid level and no SICP after perforating. RDMO Cased Hole Solutions and SIFN. On 6/17/08 SICP=0#. Will RIH with packer and tbg.and break down zone with KCL water and swab. CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC@ 12556??? Perfs: Zone #1: Kayenta: (6/16/08) 12276 - 12284 (24 holes)
6/18/2008	06:00 - 16:00	10.00	SWAB	1	On 6/17/08 SICP=0# RIH with a 4-1/2" ret.HD packer and tbg.and set at 12173'. Break down Kayenta perfs. 12276'-84' down tbg.with 10 bbl.of 2% KCL water as follows: Break down at 3000# and pump 10 bbl.of water into perfs.at 1/4 BPM at 2000#. Bled off well. RU swab. IFL at surface. Make 5 swab runs recovered 20 bbl.of water with no gas and FFL at 4200'. RD swab and SIFN. On 6/18/08 SITP-0#. RU

Operations Summary Report

Well Name: FR 4P-21-14-20
Location: 21- 14-S 20-E 26
Rig Name: BASIN WELL SERVICE

Spud Date: 3/30/2008
Rig Release:
Rig Number: 1

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/18/2008	06:00 - 16:00	10.00	SWAB	1	swab.IFL at 5000'. Will continue to swab. CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC@ 12556??? Load from yesterday: 80 Minus daily recovery: 20 LLTR: 40 Perfs: Zone #1: Keyenta: (6/16/08) 12275-12284 (24 holes)
6/19/2008	06:00 - 16:00	10.00	SWAB	1	On 6/18/08 SITP and SICP=0# with packer set at 12173'. RU swab. IFL at 5000'. Make 5 swab runs and recovered 26 bbl.of water with no gas and swabbed down to "F" nipple at 12140'. Make 3 hourly runs with no fluid entry or recovery and no show of gas. RD swab and SIFN. On 6/19/08 will acidize the Kayente Perfs..of water with no gas and FFL at 4200'. RD swab and SIFN. On 6/18/08 SITP=0#. RU swab. IFL at 5000'. Will continue to swab. pkr.at 12173' "F" nipple at 12140' CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC@ 12556??? Load from yesterday: 40 Minus daily recovery: 26 LLTR: 14 Perfs: Zone #1: Keyenta: (6/16/08) 12275-12284 (24 holes)
6/20/2008	06:00 - 16:00	10.00	DEQ	2	On 6/19/08 SITP=100# and SICP=0# with packer set at 12173'. MIRU BJ Services. Acidize the kayenta interval 12278'-84' down tbg as follows using 1000 gal.of 15% HCL acid and 45-1" Bio-balls: Pump 10 bbl.of 2% KCL water followed by 1000 gal.of acid with the Bio-balls spaced in the acid and flush with 70 bbl.of 2% KCL water. Caught pressure with 47 bbl.total fluid pumped. Pumped into the perfs. at an average rate of 4.1 BPM with a max.psi of 4465# and some ball action with an average treating pressure of approx.4200#. ISIP=2450#; 5 min=2315#; 10 minute=2172#; 15 min=2115#. SI the well and RDMO BJ. Open the well with 2100# after a 1/2 hour SI. Flowed back 10 bbl.of water on a 32/64" choke and died. RU swab. RIH with swab and pulled to 1700' and swab line parted. Released packer and POOH with packer and tbg.and removed sand line. SIFN. On AM of 6/20/08 SICP=0#. Will RIH with packer and tbg.and swab well and run BHP bombs. pkr.at 12173' "F" nipple at 12140'. pkr.at 12173' "F" nipple at 12140' CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC@ 12556??? Load from yesterday: 14 Minus daily recovery: 10 Plus water today: 110 LLTR: 114

Operations Summary Report

Well Name: FR 4P-21-14-20
Location: 21- 14-S 20-E 26
Rig Name: BASIN WELL SERVICE

Spud Date: 3/30/2008
Rig Release:
Rig Number: 1

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/20/2008	06:00 - 16:00	10.00	DEQ	2	Perfs: Zone #1: Keyenta: (6/16/08) 12275-12284 (24 holes)
6/23/2008	06:00 - 16:00	10.00	DEQ	2	On 6/20/08 SICP=0#. RIH with packer and tbg.and set 4-1/2" ret.pkr.at 12173'. RU swab. IFL at 1500'. Make 8 runs and recovered 25 bbl.of water with no gas with FFL at 4400' and sand line starting to fray. RD swab, MIRU PLS WL and set tandem BHP bombs at 12100' in the tbg.to test Keyenta perfs. Well would not flow. Bombs on bottom at 1:30PM on 6/20/08. Will pull bombs on 6/23/08 and change out sand lines and resume swabbing. CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC@ 12556??? Load from yesterday: 114 Minus daily recovery: 25 LLTR: 89 Perfs: Zone #1: Keyenta: (6/16/08) 12275-12284 (24 holes)
6/25/2008	06:00 - 16:00	10.00	PTST	4	On AM of 6/23/08 SITP=0# and SICP=0#. RU PLS and pull BHP bombs. Well would not flow from the Keyente perfs..Left well SI due to problems with trucking of new sandline. Sandline is now scheduled to be on location Wed.AM (6/25/08. Well will remain SI until new sandline is Installed and swabbing begins early PM on Wed.. CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? LLTR: 89 Perfs: Zone #1: Keyenta: (6/16/08) 12275-12284 (24 holes)
6/26/2008	06:00 - 16:00	10.00	SWAB	1	On PM of 6/25/08 sand line arrived. Spooled off old one and installed new sand line, SITP on 6/25/08=0#. On 6/26/08 will pour a new rope socket and swab well. CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? LLTR: 89 Perfs: Zone #1: Keyenta: (6/16/08) 12275-12284 (24 holes)
6/30/2008	06:00 - 16:00	10.00	SWAB	1	On 6/26/08 SITP=0# and SICP=0# with packer set from the Keyenta perfs.12276-84'. RU swab. IFL at 1500'. Make 12 swab runs and recovered 31 bbl.of water with no gas and FFL at 12340' with the last run dry. SIFN. On 6/27/08 SITP =500# and SICP=0# with packer set. Bled off tbg.in less ehan 2 minutes. RU swab. IFL at 9000'. Make 1 run and recovered 3 bbl.of water and make 3 dry runs. RD swab. Rlease packer and pull packer and tbg.to 6000'. SIFW. On

Operations Summary Report

Well Name: FR 4P-21-14-20
Location: 21- 14-S 20-E 26
Rig Name: BASIN WELL SERVICE

Spud Date: 3/30/2008
Rig Release:
Rig Number: 1

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/30/2008	06:00 - 16:00	10.00	SWAB	1	6/30/08 will swab well down to 4000' and finish POOH with packer and wireline set a CIBP and perforate additional zones. Have 5 bbl.of load to recover. CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? LLTR: 89 Perfs: Zone #1: Keyenta: (6/16/08) 12275-12284 (24 holes)
7/1/2008	06:00 - 16:00	10.00	SWAB	1	On 6/30/08 SITP =900# and SICP=1000#. Bled off well. Finish POOH with packer and tbg..MIRU Cased Hole Solutions. Wireline set a 4-1/2" CIBP at 12250' Found FL at 7600' on the way in the hole. Pump 45 bbl.of 2% KCL water down the csg..Perforate the following Entrada intervals at 3 JPF with a 3-1/8" csg.gun and 120° phasing per the CBL log dated 6/16/08: 11876-82'; 11910-11'; 11934-38' 11984-86'; 12024-25'; 12044-45' & 12134-35'; FL prior to and following perforating was 4200' with no blow or vacuum. SIFN and RDMO Cased Hole Solutions. On 7/1/08 SICP=550#. Bled off well and will RIH with packer and tbg.and breakdown the Entrada perfs.with 2% KCL water and swab..Have a total of 48 holes in the Entrada zones. CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? Perfs: Zone #1: Keyenta: (6/16/08) 12275-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45' 12134-35'.
7/2/2008	06:00 - 16:00	10.00	SWAB	1	Testing Entrada perfs. 11876 -12135' On AM of 7/1/08 SICP=500#. Bled off. RIH with 4-1/2" HD ret.packer and tbg.and set packer at 11708'. Fill tbg.with 2% KCL water and break down the Entrada perfs.at 2400# and pump 10 bbl.of 2% KCL water at 1-1/2 BPM at 1500#. RU swab. Make 9 swab runs and recovered 40 bbl.of water with IFL at surface and FFL holding at 3000'. Lite gas cut. Have 5 bbl.of load to recover. RD swab and SIFN. On 7/2/08 SITP=200#. IFL at 2000'. Will continue to swab today and run a gas analysis. CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? Minus daily recovery: 40 Plus water today: 45 LLTR: 5

Operations Summary Report

Well Name: FR 4P-21-14-20
Location: 21- 14-S 20-E 26
Rig Name: BASIN WELL SERVICE

Spud Date: 3/30/2008
Rig Release:
Rig Number: 1

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/2/2008	06:00 - 16:00	10.00	SWAB	1	Perfs: Zone #1: Keyenta: (6/16/08) 12276-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45' 12134-35'.
7/3/2008	06:00 - 16:00	10.00	SWAB	1	Testing Entrada perfs. 11876 -12135' With packer set at 11708' on AM of 7/2/08 SITP=200# and SICP=0#. Bled off tbg..RU swab. IFL at 2000'. Make 9 swab runs and recovered 43 bbl.of lite gas cut water with FFL at 3200' while pulling from 5200'. SI the well for 3-1/2 hours to build gas cap for gas analysis with the following results of the gas analysis: N2=4.008; CO-2=13.08; Methane=81.05'; BTU=864.79' Grave=0.713. Re-open the tbg.with 50#. Bled off. RU swab. IFL at 2200'. Make a total of an additional 4 swab runs after the SI period with IFL at 2200' and FFL at 3200' and holding with a final pull from 5200'. Lite gas with the water. Make a total of 14 swab runs today and recovered a total of 65 bbl.of lite gas cut water today. RD swab and SIFN. On AM of 7/3/08 SITP=200#. Bled off with IFL at 2200'. On 7/3/08 will make a few swab runs and SI the well for additional gas analysis and run pressure bombs. CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? Load from yesterday: 5 Minus daily recover: 65 LLTR: 60 Perfs: Zone #1: Keyenta: (6/16/08) 12276-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45' 12134-35'.
7/7/2008	06:00 - 16:00	10.00	SWAB	1	Testing Entrada perfs. 11876 -12135' On AM OF 7/3/08 sitp=200# and SICP=0# with packer set and testing Entrada perfs..Bled off tbg..RU swab. ILF at 2200'. Make 3 runs and recovered 15 bbl.of water with lite gas and FFL at 2900'. SI the well for 2-1/2 hours to build gas volume for gas analysis. After 2-1/2 hours built to 5#. Took a gas analysis with the following results: N2=3.38; CO2=4.01; Methane =89.55; BTU-976.77; Grave.=0.6317. Obtained water sample this AM while swabbing. MIRU PLS and ran tandem BHP bombs and set at 11650'. SI the well at 11:30AM on 7/3/08. Will pull BHP bombs on 7/5/08 and took water sample to Halliburton PM of 7/3/08. Well will remain SI until AM of 7/7/08 when swabbing will resume. CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556???

Operations Summary Report

Well Name: FR 4P-21-14-20
Location: 21- 14-S 20-E 26
Rig Name: BASIN WELL SERVICE

Spud Date: 3/30/2008
Rig Release:
Rig Number: 1

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/7/2008	06:00 - 16:00	10.00	SWAB	1	Load from yesterday: 60 Minus daily recover: 15 LLTR: 75 over Perfs: Zone #1: Keyenta: (6/16/08) 12276-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45' 12134-35'.
7/8/2008	06:00 - 16:00	10.00	SWAB	1	Testing Entrada perfs. 11876 -12135' On 7/7/08 SITP=300# and SICP=0# with packer set at 11708'. Bled off tbg..RU swab. IFL at 2300'. Make 17 swab runs and recovered 69 bbl.of very slight gas cut water with a final FL at 3700 and entry of 12-15 bbl.per hour. Pulling from 5700'. RD swab and SIFN. On AM of 7/8/08 SITP=100#. Bled off and RU swab. IFL at 2300'. Will continue to swab today. CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? Load from yesterday: 75 over Minus daily recover: 69 LLTR: 144 over Perfs: Zone #1: Keyenta: (6/16/08) 12276-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45' 12134-35'.
7/9/2008	06:00 - 16:00	10.00	SWAB	1	Testing Entrada perfs. 11876 -12135' On AM of 7/8/08 SITP=100#. IFL at 2300'. Packer set at 11708'. Make 18 swab runs and recovered 70 bbl.of lite gas cut water with FFL at 3900' with an entry rate of 15 bbl.per hour. RD swab and SIFN. On 7/9/08 SITP=200# and IFL at 2300'. Released packer and will POOH with packer and tbg.and prepare well for frac on 7/10/08 CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? Load from yesterday: 144 over Minus daily recover: 70 LLTR: 214 over Perfs:

Operations Summary Report

Well Name: FR 4P-21-14-20
Location: 21- 14-S 20-E 26
Rig Name: BASIN WELL SERVICE

Spud Date: 3/30/2008
Rig Release:
Rig Number: 1

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/9/2008	06:00 - 16:00	10.00	SWAB	1	Zone #1: Keyenta: (6/16/08) 12276-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45' 12134-35'.
7/10/2008	06:00 - 16:00	10.00	SWAB	1	Testing Entrada perfs. 11876 -12135' On 7/9/08 SITP=200#; SICP=0# with packer set at 11708'. RU swab. IFL at 2300'. Make 1 run and recovered 3 bbl. of water with very lite gas. Release packer and POOH with packer and tbg..SIFN. Will frac the Entrada interval 11876-12135' on 7/10/08 CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? Load from yesterday: 214 over Minus daily recover:3 LLTR: 217 over Perfs: Zone #1: Keyenta: (6/16/08) 12276-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45' 12134-35'.
7/11/2008	06:00 - 16:00	10.00	STIM	2	Testing Entrada perfs. 11876 -12135' On 7/10/08 SICP=0#, MIRU Halliburton frac crew and Stinger WH Services. Frac gross perforated Entrada interval 11876-12135' down 4-1/2" csg.using a 40# Purgell 2% KCL x-linked gel water system and CO2 as follows: Pump a 11600 gal.pad and stage 1-4 ppg 20/40 mesh sand in 15800 gal.of fluid and flush with 3755 gal.of fluid. All stages contained a 65-70% quality CO2 foam with the flush at 50% quality foam. Total load of 815 bbl..Total of 100800# of 20/40 CRC sand. Max.rate=43.8; Ave=35 BPM; Max.psi=7647#; Ave=5382#; ISIP=2448#; (FG=0.64). Used a total of 188 ton of CO2. RDMO Halliburton. Pull Stinger tool. Open the well after a 1-1/2 hr. SI period with a SICP=1050# on a 28/64" choke. Flow the well from 4:00PM on 7/10/08 to 6:00 AM on 7/11/08 and at 6:00AM on 7/11/08 FCP=550# on a 28/64" choke with an est.rate of 20 bbl.per hour for the last 3 hours with no sand and CO2 and water with a total est.recovery of 1350 bbl..Continue to flow test the well to clean up. CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? Load from yesterday: 900 Minus daily recover:1350 LLTR: 450 over Perfs:

Operations Summary Report

Well Name: FR 4P-21-14-20
Location: 21- 14-S 20-E 26
Rig Name: BASIN WELL SERVICE

Spud Date: 3/30/2008
Rig Release:
Rig Number: 1

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/11/2008	06:00 - 16:00	10.00	STIM	2	Zone #1: Keyenta: (6/16/08) 12276-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45' 12134-35'.
7/14/2008	06:00 - 16:00	10.00	OTH		Tight Hole - Testing Entrada perfs 11876 -12135'. At 6:00 AM on 7/11/08 FCP = 550# on a 28/64" choke with an est rate of 20 BPH of CO2 and water and a total est recovery of 1350 bbls. At 8:00 AM on 7/12/08 well is flowing to the pit to continue to clean up on a 26/64" choke with a FCP = 300# at an est rate of 23 BPH of water and CO2 for a cumulative recovery of 2400 bbls which is 1500 overload. At 8:00 AM on 7/13/08 well is on a 64/64" choke with 0# FCP = well has been dead for 45 minutes. At 7:00 AM the choke was a 64/64" with 40# FCP and spurts of water with an est cumulative recovery of 2970 bbls or a total of 2070 bbls over load. 24 Hour Forecast: SI the well until AM of 7/14/08. CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? Load from yesterday: 900 Minus daily recover: 2970 LLTR: 2070 over Perfs: Zone #1: Keyenta: (6/16/08) 12276-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45' 12134-35'
7/15/2008	06:00 - 16:00	10.00	TRP	2	Tight Hole - Testing Entrada perfs 11876 -12135'. On 7/14/08 SICP = 600#. Bled off with no fluid recovery. Make up 4-1/2" RBP, tbg sub, ret pkr & 1 jt of tbg & elevators unlatched & BHA fell down the hole. RIH w/ tbg & tag fish top at 12105' and screw into jt of tbg & POOH w/ tbg & all tools. SIFN. 24 Hour Forecast: Will attempt to run tools again. CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? Load from yesterday: 2070 over Minus daily recover: 0 LLTR: 2070 over Perfs:

Operations Summary Report

Well Name: FR 4P-21-14-20
Location: 21- 14-S 20-E 26
Rig Name: BASIN WELL SERVICE

Spud Date: 3/30/2008
Rig Release:
Rig Number: 1

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/15/2008	06:00 - 16:00	10.00	TRP	2	Zone #1: Keyenta: (6/16/08) 12276-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45' 12134-35'
7/16/2008	06:00 - 16:00	10.00	DEQ	2	Tight Hole - Testing Entrada perfs 11876 -12135'. On 7/16/08 SICP-300#. Bled off well with no fluid recovery. RIH with 4-1/2" ret.BP and 4-1/2" ret.packer and tbg. and set RBP at 11896'. Set packer at 11800' to isolate and swab test Entrada perfs. 11876-82'. RU swab. IFL at 2700'. Make 13 swab runs and recovered 40 bbl.of lite to med. gas cut water with FFL at 2300' with the gas having no vapor or smell. Pulling from 4300', RD swab and SIFN. On 7/16/08 SITP=350# and SICP=0#. Will continue to swab test. Have recovered a total of 40 bbl.from this interval. 24 Hour Forecast: will continue to swab test. CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? Load from yesterday: 2070 over LLTR: 2070 over Perfs: Zone #1: Keyenta: (6/16/08) 12276-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45' 12134-35'
7/17/2008	06:00 - 16:00	10.00	SWAB	1	Tight Hole - Testing Entrada perfs 11876 -12135'. On AM of 7/16/08 SITP=350#. Bled off tbg.with no fluid recovery. RU swab. IFL at 2000'. Make 14 swab runs and tbg.started to flow after recovering 40 bbl.of very slight gas cut fluid with a trace of gas vapors with FFL at 1000'. Flowed the tbg.for 6 hours and recovered an additional 12 bbl.of water with a very slight show of gas with the tbg. flowing at 2 to 2-1/2 bbl.per hour. Recovered a total of 52 bbl.of water today. FTP was on a full 2" line with 0# FTP. SI at 5:00PM on 7/16/08. Will continue to flow/swab test on 7/17/08. Have recovered a total of 92 bbl.of water from Entrada zone 11876-82. CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? Load from yesterday: 2070 over LLTR: 2070 over Perfs:

Operations Summary Report

Well Name: FR 4P-21-14-20
Location: 21- 14-S 20-E 26
Rig Name: BASIN WELL SERVICE

Spud Date: 3/30/2008
Rig Release:
Rig Number: 1

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/17/2008	06:00 - 16:00	10.00	SWAB	1	Zone #1: Keyenta: (6/16/08) 12276-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45' 12134-35'
7/18/2008	06:00 - 16:00	10.00	SWAB	1	On AM of 7/16/08 SITP=500# and SICP=0# with packer set at 11600'. Bled off tbg.with no fluid recovery. RU swab. IFL at 2500'. Make 10 swab runs and recovered 30 bbl.of very slight gas cut water with no vapors and tbg.started to flow. Flow the tbg.on a full 2" line with 0# FTP and recovered an additional 9 bbl.of water with very slight gas cut with no methane vapors at 2 BPH in 5 hours. Recovered a total of 39 bbl.of water today. Have recovered ta total of 132 bbl.of water from Entrada zone 11776-82'. SIFN. On 7/18/08 will release tools and POOH laying down tbg.and tools. CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? Load from yesterday: 2070 over LLTR: 2070 over Perfs: Zone #1: Keyenta: (6/16/08) 12276-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45' 12134-35'
7/21/2008	06:00 - 16:00	10.00	DEQ	2	On 7/18/08 SITP=500# and SICP=0# with packer set. Bled off tbg.with no fluid recovery. Release packer at 11800' and RIH and tbg RBP at 11896' and latch onto and release RBP. Pull and lay down 270 jts.of tbg.on trailer float. SIFW. On 7/21/08 will continue to lay down remaining tbg.and tools and ND BOP's and NUWH and prepare to move rig. CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? Load from yesterday: 2070 over LLTR: 2070 over Perfs: Zone #1: Keyenta: (6/16/08) 12276-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45' 12134-35'
7/22/2008	06:00 - 16:00	10.00	BOP	1	On 7/21/08 SITP=500# & SICP=500# Bled off Tbg & csg with no fluid recovery. Finish POOH and laying down 152-jts tbg, HD packer and TS bridge plug. ND BOP's and NU Wellhead. Racked out rig equip. SWIFN

Operations Summary Report

Well Name: FR 4P-21-14-20
Location: 21- 14-S 20-E 26
Rig Name: BASIN WELL SERVICE

Spud Date: 3/30/2008
Rig Release:
Rig Number: 1

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/22/2008	06:00 - 16:00	10.00	BOP	1	On 7/22/08 will rig down and move rig to next location. CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? Load from yesterday: 2070 over LLTR: 2070 over Perfs: Zone #1: Keyenta: (6/16/08) 12276-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45' 12134-35'
7/23/2008	06:00 - 16:00	10.00	LOC	3	On 7/22/08 SICP=200# Finish racking out equipment RDMO. Road rig to FR 9P-17-14-20 SDFD. On 7/23/08 will MIRU. PU and RIH with bit & scraper. CIBP at 12250' (6/30/08) CASING SIZE: 4-1/2" 13.5# P-110 CASING DEPTH: 12558' FC @ 12556??? Load from yesterday: 2070 over LLTR: 2070 over Perfs: Zone #1: Keyenta: (6/16/08) 12276-12284 (24 holes) Zone #2: Entrada: (6/30/08): 11876-82'; 11910-11'; 11934-36' 11984-86'; 12024-25'; 12044-45' 12134-35'
8/12/2008	06:00 - 16:00	10.00	BOP	1	"TIGHT HOLE": Completion of new well. On 8/11/08 MIRU Basin WS #1 to continue with completion of well. SICP=600#. Bled off and NDWH and NU BOP's. SIFN. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12558' FC@12556??? "TIGHT HOLE" CIBP at 12250' (6/30/08) Load from yesterday: 2070 over LLTR: 2070 over Perfs: Zone #1: Kenenta: (6/16/08) 12276 -12284 (24 holes) Zone #2: Entrada: (6/30/08) 11876-82'; 11910-11'; 11934-36

Operations Summary Report

Well Name: FR 4P-21-14-20
Location: 21- 14-S 20-E 26
Rig Name: BASIN WELL SERVICE

Spud Date: 3/30/2008
Rig Release:
Rig Number: 1

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/12/2008	06:00 - 16:00	10.00	BOP	1	11984-86'; 12024-25'; 12044-45 12134-35'
8/13/2008	06:00 - 16:00	10.00	PERF	2	"TIGHT HOLE": Completion of new well. On 8/12/08 left well SI. On 8/13/08 will set CIBP and perforate additional zones. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12558' FC@12556??? "TIGHT HOLE" CIBP at 12250' (6/30/08) Load from yesterday: 2070 over LLTR: 2070 over Perfs: Zone #1: Kenenta: (6/16/08) 12276 -12284 (24 holes) Zone #2: Entrada: (6/30/08) 11876-82'; 11910-11'; 11934-36 11984-86'; 12024-25'; 12044-45 12134-35'
8/14/2008	06:00 - 16:00	10.00	PERF	2	"TIGHT HOLE": Completion of new well. On 8/13/08 SICP=260#. Bled off. MIRU Cased Hole Solutions and wireline set a 4-1/2" CIBP at 11850'. Perforate the following intervals using a 3-1/8" csg.gun at 3 JPF and 120° phasing per the CBL log dated 6/16/08. IFL and FFL was at 2600'; Dakota Silt=10854-58'; Cedar Mtn.:=11049-57' & Cedar Mtn.=11109-13' (52 holes). RDMO Cased Hole Solutions. SI the well with the BOP's and RD Basin Well Service Rig #1. On 8/13/08 move off location pending frac dates. Report discontinued until further activity. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12558' FC@12556??? "TIGHT HOLE" CIBP at 12250' (6/30/08) CIBP 11860' (8/13/08) Perfs: Zone #1: Kenenta: (6/16/08) 12276 -12284 (24 holes) Zone #2: Entrada: (6/30/08) 11876-82'; 11910-11'; 11934-36 11984-86'; 12024-25'; 12044-45 12134-35' Zone#2: Dak.Silt and Cedar Mtn 10854-58'; 11049-57'; 11109-13
8/27/2008	06:00 - 16:00	10.00	BOP	1	"TIGHT HOLE": Completion of new well. Resumption of completion On 8/25/08 MIRU Basin Well Service #1. SICP=150#. Bled off. ND BOP's and NU frac head assembly and flow back manifold. SIFN. On 8/26/08 will MIRU Halliburton frac equipment to start fracing on 8/27/08. No report until 8/28/08 report date. Casing size: 4-1/2" 13.5# P-110

Operations Summary Report

Well Name: FR 4P-21-14-20
Location: 21- 14-S 20-E 26
Rig Name: BASIN WELL SERVICE

Spud Date: 3/30/2008
Rig Release:
Rig Number: 1

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/27/2008	06:00 - 16:00	10.00	BOP	1	Casing depth: 12558' FC@12556??? "TIGHT HOLE" CIBP at 12250' (6/30/08) CIBP 11860' (8/13/08) Perfs: Zone #1: Kenenta: (6/16/08) 12276 -12284 (24 holes) Zone #2: Entrada: (6/30/08) 11876-82'; 11910-11'; 11934-36 11984-86'; 12024-25'; 12044-45 12134-35' Zone#2: Dak.Silt and Cedar Mtn 10854-58'; 11049-57'; 11109-13
8/28/2008	06:00 - 16:00	10.00	STIM	3	"TIGHT HOLE": Completion of new well. On 8/27/08 MIRU Halliburton frac crew. Frac the Dakota Silt and Cedar Mtn.intervals 10954-58'; 11049-57'; 11109-13', down 4-1/2" csg.as follows: Load hole with 45 bbl.of water and breakdown with 800 gal.of 15% HCL acid followed by a 2% KCL slickwater frac as follows: Pump a 7500 gal.pad andstage 0.5 to 1.25 ppg SB Excel 30/50 mesh sand in 65000 gal.of fluid with 4-5000 gal.spacers and 1-8400 gal.spacer in between sand sages and flush with 7623 gal.of slick water. Total of 62400# of sand a total load of 2570 bbl.Max.rate=51.5' Ave=48.5 BPM; Max.psi=7449#. Ave=6241#; ISP=4625# (1.04). Lubricate in a 4-1/2" comp.frac plug and set at 10820'. Stage #4. Perforate the following lower Mancos Intervals at 3 JPF using a 3-1/8" csg.gun and 120° phasing per the CBL log dated 8/16/08. 10426-27'; 10468-69'; 110512-13'; 10543-44'; 10575-76'; 10615-16'; 1-685'-68'; 10701-02'; 10742-43' & 10782-83' (30 holes). Frac this zone using a 2% KCL slickwater system as follows: Pump 800 gal.of 15% HCL at 4-6 BPM at max of 8300# and pump 0000# gal pad at same rate and 7000-8300# and when acid hit the perfs.were able to pump at 32 BPM at 7600# with pressure spiking to 8000# and pump 0.50 ppg sand and having problem keeping rate with pressure at 7800-8100# and flushed with 9500 gal.of slickwater and did not go back to sand. Total of 0700# of sand in formation and total load of 60# bbl. Did not continue with frac on this zone. Max.rate-39.9: Ave-12.6 BPM; Max.psi-8301#; Ave-7900#, #BPM-48300 (.80). Lubircate in a 4-1/2" comp.frac plug and set at 10350'. Stage #5; Perforate the following Mancos intervals perf line above.gun and log;9886'-87'; 9926'-27', 9976-77'; 10006-07; 10108-09' 10188-09'; 10218-16'; 10349-50'; 10810-11'. Frac interval per the above fluid as follows: Pump 600 gal.of 15% HCL acid followed by a 7500 gal pad and stage 0.5 to 1.5 ppg sand in 52000 gal.of and flush with 6955 gals.of slick water; Had 4 spacers of 5000 gal.each between stages total of 49800# of sand and a total load of 1565 bbl..Max.rate=49.3; Ave-48.8 BPM; Max.pad =7401# Ave=4534# ISI=4276# (86) Lubricate in a 1-1/2" comp.frac plug and set at 9830'. Stage#7: Perforate the following Mancos intervals per the above gun and log; 9776-77'; 9724-25'; 9680-81'; 9680-81'; 9836-37'; 9557-5'; 9502-03'; 9458-59'; 9433-34'; 9386-87'; 8337-38'; (30 holes). SIFN. On 8/28/08 witl continue with fracs. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12558' FC@12556??? "TIGHT HOLE" CIBP at 12250' (6/30/08)

Operations Summary Report

Well Name: FR 4P-21-14-20
Location: 21- 14-S 20-E 26
Rig Name: BASIN WELL SERVICE

Spud Date: 3/30/2008
Rig Release:
Rig Number: 1

Date	From - To	Hours	Code	Sub Code	Description of Operations
8/28/2008	06:00 - 16:00	10.00	STIM	3	CIBP 11860' (8/13/08) Perfs: Zone #1: Kenenta: (6/16/08) 12276 -12284 (24 holes) Zone #2: Entrada: (6/30/08) 11876-82'; 11910-11'; 11934-36 11984-86'; 12024-25'; 12044-45 12134-35' Zone#2: Dak.Silt and Cedar Mtn 10854-58'; 11049-57'; 11109-13 Lower Mancos: 10426'; 10468'; 10512' 10543'; 10575'; 10615'; 10685';10701', 10742'; 10782'; Plug at 10820' (Zone 4") Mancos; 9886'; 9926'; 9976'; 10006'; 10046'; 10105'; 10155'; 10215'; 01249'; 10310'; Plug at 10350' (Zone #5: Mancos 9776'; 9724'; 9680'; 9626'; 9557'; 9502'; 9458'; 9433'; 9386'; 9337'; (Zone #6) - plug at 9830'
9/2/2008	06:00 - 16:00	10.00	STIM	3	"TIGHT HOLE": Completion of new well. On 8/28/08: Zone #6: Frac Mancos gross perforated Interval 9337' to 9777' down 4-1/2" csg.using a 2% KCL slickwater system as follows: Pump 800 gal.of 15% HCL water followed by a 7800 gal.pad and stage 0.50 to 0.73 ppg 30/50 sand in 17000 gal.of water with 1-5000 gal.spacer stage and on the 0.75 ppg sand stage lost the motor on the mountain mover and flush successfully. SIFN to change out motors on mountain mover. Total of 11000 lbs. of sand and a total load of 600 bbl..Max.rate=49.3;' Ave=47.6 BPM; Max.psi=7260; Ave=6105#; ISIP=4047#; (.86). Zone #6: On 8/29/08 resume frac of this perforated Interval 9337-9777' using the same system as above as follows: Pump a 7500 gal.pad followed by 4 sand stages of 0.75 to 1.0 ppg sand with 3-7000 gal.water spacers and fluhs with 7143 gal.of slick water. Total of an additional 21600# of sand and an additional total of 1450 bbl..Max.rate of 44.7 BPM; Ave=39.5 PBM; Max.psi=8030#; Ave=7415#; ISIP=4111# (.87). Have a total of 32600# of sand in formation. Lubricate in a 4-1/2" comp frac plug and set at 9280'. Zone #7: Mancos: Perforated the following intervals at 3 JPF using a 3-1/8" csg.gunper the CBL log dated 6/16/08 using the above system as follows: Pump 800 gal.of 15% HCL followed by a 7500 gal.pad and stage 0.5 to 1.25 ppg 30/40 sand in 39500 gal.of fluid with 4 water spacers of 3500 gal.to 17500 gal.spacers and flush with 6300 gal. of slick water. Total of 37500# of sand and a total load of 1450 bbl..Max rate=49.5; Ave=43.8 BPM;Max.psi=8364#; Ave.psi=6812#; ISIP=3789# (.86). Wireline set a comp.frac plug at 8720'. Zone #8: perfs: 8810-11'; 8848-49'; 8890-91'; 8940-41'; 9881-92' 9089-90'; 9156-57'; 9204'-05'; 9234-35'; Zone #8: Perforate the following Mancos intervals per the above gun and log as follows: 8318-19'; 8344-45';, 8382-83'; 8440-41'; 8508-09'; 8542-43; 8570-71'; 8615-16'; 8643-54'; 8582-83' (30 holes). Frac zone #8 as follows using a 2% KCL slickwater system as follows: Pump 800 gal.of 15% HCL followed by a 7500 gal.pad and stage 0.50 to 1.50 ppg 30/40 sand in 52000 gal.of fluid with 4-5000 ga.water spacers and flush with 6210 gal.of slick water. Total of 50000# of sand and a total load of 1550 bbl.of water. Max.rate=49.8; Ave=49.6 BPM; Max.psi=7349#; Ave=5520#; ISIP=3479# (.85). Wireline set a comp.frac plug at 8200'. Zone #9: Perforate the following Upper Mancos Intevals using a 3-1/8" csg.gun at 3 JPF per the CBL log dated 8/16/08 as follows: 7766-67'; 7779-80'; 7796-97'; 7864-65'; 7904-05'; 7948-49'; 8020-21'; 8074-75'; 8126-27' 8176-77'; (30 holes). Frac this interval with a 2% KCL water system as follows: Pump 800 gal.of 15% HCL followed by a 8000 gal.pad and stage 0.5 to 1.50 ppg 30/50 sand in 42000 gal.of fluid

Operations Summary Report

Well Name: FR 4P-21-14-20
Location: 21- 14-S 20-E 26
Rig Name: BASIN WELL SERVICE

Spud Date: 3/30/2008
Rig Release:
Rig Number: 1

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/2/2008	06:00 - 16:00	10.00	STIM	3	with 4-3500 gal.water spacers and flush with 5566 gal.of slick water. Total of 37000# of sand and a total of 1430 bbl.water. Max.rate=50; Ave=49.6 BPM; Max.psi-7015# Ave=5783#; ISIP=3033#; (.82). Wireline set a comp.frac at 7620'. Zone #10" Perforate the following Blackhawk and Mancos B zone as follows: 7684-85'; 7527-28'; 7452-53'; 7418-19'; 7082-83'; 7040-41'; 7021-22**********after shooting this interval tools became stuck. Work tools after allowing well to quit any downhole flud movement in case of differential sticking by surging and pumping down on the tools. Work tools to approx.6600' and could not get any additonal movement and while pumping down on top of tools apperared to shear of tools. POOH with wireline and no tools losing setting tools and perforating guns and collar locator and suspect some wireline. RIH with sinker bar and 2-1' perforating guns and collar locator on wireline and tag 6591'. Too shallow to add additional perfs..POOH and LD tools. SIFN. Abort final frac. On 8/30/08 RDMO Halliburton. On AM of 8/30/08 after a 7 hour SI period SICP=2400#. Open the csg.on a 24/64" choke at 8:00AM on 8/30/08. At noon on 8/30/08 FCP=25# on a full 1" choke with intermittent surges of wter and gasd with gas vapors and an est.total recovery of 85 bbl..Have an est.recovery of 12 bbl.in the last 3 hurs. Open up on a full 2" choke. LLR=10900 bbl..Continue to flow the well on various chokes and full open on a 2" with various shut in times to build pressure. At 8:00AM on 8/31/08 no flow with an est.total recovery of 175 bbl.on a full 2" and well will build from 1-400# in a SI period of 2 hours. SI the well for 9 hours and well built to 2200#. Bled off the well in 20 minutes on a 32/64" choke and died after recovering 12 bbl.SI the well for 11 hours and on 9/1/08 SICP=3850#. Open the well on 32/64" choke and recovered 18 bbl.of water in 1 hour and died. Have a very lite gas blow with 100#. At noon FCP=75# with light gas and no fluid. Open up on a full 2" line to try to unload wel. Unloaded 37 bbl.after 2 hurs of being open in 1 hour and went back to slight gas blow. Kept well open overnight on a 32/64" choke and a 1" choke and at 6:00AM on 9/2/08 FCP=50# with a very light gas blow. Have recovered a total of 345 bbl.since well was opened up on Sat.AM (8/30/08). Will RIH with wireline spear today. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12558' FC@12556??? "TIGHT HOLE" CIBP at 12250' (6/30/08) CIBP 11860' (8/13/08) Perfs: Zone #1: Kenenta: (6/16/08) 12276 -12284 (24 holes) Zone #2: Entrada: (6/30/08) 11876-82'; 11910-11'; 11934-36 11984-86'; 12024-25'; 12044-45 12134-35' Zone#2: Dak.Silt and Cedar Mtn 10854-58'; 11049-57'; 11109-13 Lower Mancos: 10426'; 10468'; 10512' 10543'; 10575'; 10615'; 10685';10701', 10742'; 10782'; Plug at 10820' (Zone 4") Mancos; 9886'; 9926'; 9976'; 10006'; 10046'; 10105'; 10155'; 10215'; 01249'; 10310'; Plug at 10350' (Zone #5: Mancos 9776'; 9724'; 9680'; 9626'; 9557'; 9502'; 9458'; 9433'; 9386'; 9337'; (Zone #6) - plug at 9830' (Zone #7: Mancos: 8810'; 8848'; 8890'; 8940'; 8961'; 9034'; 9069'; 9156'; 9204'; 9234';

Operations Summary Report

Well Name: FR 4P-21-14-20
Location: 21- 14-S 20-E 26
Rig Name: BASIN WELL SERVICE

Spud Date: 3/30/2008
Rig Release:
Rig Number: 1

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/2/2008	06:00 - 16:00	10.00	STIM	3	plug at 9280') (Zone #8: Mancos.. 8318'; 8344'; 8382';, 8440'; 8608'; 8642'; 8570'; 8615' 8653'; 8682'; plug at 8720') (Zone #9: Upper Mancos: 7766'; 7779'; 7796'; 7864'; 7904'; 7948'; 8020'; 8074'; 8126'; 8176'; plug at 8220') (Zone #10: Blackhawk and Mancos B: 7021***; 7040'; 7082'; 7418'; 7452'; 7527'; 7584'; Plug at 7620' NOTE: Did not shoot 6981' & 6997')
9/3/2008	06:00 - 16:00	10.00	BOP	1	"TIGHT HOLE": Completion of new well. On 9/2/08 FCP=50# to the pit on a 3/4" and 1" choke with gas. Pump 20 bbl.of 10# brine. ND frac head assembly and NU BOP stack. Pump additional 20 bbl.of brine. Tally and rabbit in the hole with a wireline spear, bumper sub and jars and 2-3/8" 4.7# P-110 tbg.to 1880'. Had to top kill well on the way in the hole twice and used a total of 100 bbl.of brine toay for top koll purposes only. No bullheading. SIFN. On 9/3/08 will continue to pick up tbg.and continue to RIH with fishing tools. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12558' FC@12556??? "TIGHT HOLE" CIBP at 12250' (6/30/08) CIBP 11860' (8/13/08) Perfs: Zone #1: Kenenta: (6/16/08) 12276 -12284 (24 holes) Zone #2: Entrada: (6/30/08) 11876-82'; 11910-11'; 11934-36 11984-86'; 12024-25'; 12044-45 12134-35' Zone#2: Dak.Silt and Cedar Mtn 10854-58'; 11049-57'; 11109-13 Lower Mancos: 10426'; 10468'; 10512' 10543'; 10575'; 10615'; 10685';10701', 10742'; 10782'; Plug at 10820' (Zone 4") Mancos; 9886'; 9926'; 9976'; 10006'; 10046'; 10105'; 10155'; 10215'; 01249'; 10310'; Plug at 10350' (Zone #5: Mancos 9776'; 9724'; 9680'; 9626'; 9557'; 9502'; 9458'; 9433'; 9386'; 9337'; (Zone #6) - plug at 9830' (Zone #7: Mancos: 8810'; 8848'; 8890'; 8940'; 8961'; 9034'; 9069'; 9156'; 9204'; 9234'; plug at 9280') (Zone #8: Mancos.. 8318'; 8344'; 8382';, 8440'; 8608'; 8642'; 8570'; 8615' 8653'; 8682'; plug at 8720') (Zone #9: Upper Mancos: 7766'; 7779'; 7796'; 7864'; 7904'; 7948'; 8020'; 8074'; 8126'; 8176'; plug at 8220') (Zone #10: Blackhawk and Mancos B: 7021***; 7040'; 7082'; 7418'; 7452'; 7527'; 7584'; Plug at 7620' NOTE: Did not shoot 6981' & 6997')
9/4/2008	06:00 - 16:00	10.00	LOC	2	"TIGHT HOLE": Completion of new well. On 9/3/08 SITP and SICP=3000#. Bled off well. Top kill tbg.with 15 bbl.of 2% KCL water. Continue in the hole and rabbit in the hole with 2-3/8" EUE 8RD 4.7# P-110 tbg.and wireline spear and bumper sub and jars and tag at 6600'. No evdence of wireline. POOH to 2000' and well started to flow. Circ.40 bbl.of 10# brine down the

Operations Summary Report

Well Name: FR 4P-21-14-20
Location: 21- 14-S 20-E 26
Rig Name: BASIN WELL SERVICE

Spud Date: 3/30/2008
Rig Release:
Rig Number: 1

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/4/2008	06:00 - 16:00	10.00	LOC	2	tbg..Finish POOH with tbg.and tools and no evidence of wireline. Left well open to the pit overnight on a 12/64" choke. SDFN. On 9/4/08 will RIH with overshot and grapple and fishing tools and tbg... Casing size: 4-1/2" 13.5# P-110 Casing depth: 12558' FC@12556??? "TIGHT HOLE" CIBP at 12250' (6/30/08) CIBP 11860' (8/13/08) Load from yesterday: 10755 Minus daily recovery: 10 Plus water today: 55 LLTR: 10800 Perfs: Zone #1: Kenenta: (6/16/08) 12276 -12284 (24 holes) Zone #2: Entrada: (6/30/08) 11876-82'; 11910-11'; 11934-36 11984-86'; 12024-25'; 12044-45 12134-35' Zone#2: Dak.Silt and Cedar Mtn 10854-58'; 11049-57'; 11109-13 Lower Mancos: 10426'; 10468'; 10512' 10543'; 10575'; 10615'; 10685';10701', 10742'; 10782'; Plug at 10820' (Zone 4") Mancos; 9886'; 9926'; 9976'; 10006'; 10046'; 10105'; 10155'; 10215'; 01249'; 10310'; Plug at 10350' (Zone #5: Mancos 9776'; 9724'; 9680'; 9626'; 9557'; 9502'; 9458'; 9433'; 9386'; 9337'; (Zone #6) - plug at 9830' (Zone #7: Mancos: 8810'; 8848'; 8890'; 8940'; 8961'; 9034'; 9069'; 9156'; 9204'; 9234'; plug at 9280') (Zone #8: Mancos.. 8318'; 8344'; 8382';, 8440'; 8608'; 8642'; 8570'; 8615' 8653'; 8682'; plug at 8720') (Zone #9: Upper Mancos: 7766'; 7779'; 7796'; 7864'; 7904'; 7948'; 8020'; 8074'; 8126'; 8176'; plug at 8220') (Zone #10: Blackhawk and Mancos B: 7021***; 7040'; 7082'; 7418'; 7452'; 7527'; 7584'; Plug at 7620' NOTE: Did not shoot 6981' & 6997')
9/5/2008	06:00 - 16:00	10.00	FISH	4	"TIGHT HOLE": Completion of new well. On 9/4/08 FCP=450# of gas and light water on a 12/64" choke. Open csg.on 48/64" choke and bled off csg.to 50#. Pump 30 bbl.of 10# brine to top kill well. RIH with OS with a 1-7/16" grapple and pump sub and jars and tbg.to 5132'. Well started to blow up the tbg..Rec 20 bbl.of water. Top kill with an additinal 10 bbl.of 2% KCL water. Continue to RIH with fishing tools at 6656' and cir.90 bbl.of 10# brine down the tbg.and up the xg..Latch onto 1-7/16" rope socket 6688'. Start to jar on fish with jars for 3-1/2 hours and pulling up to 35M# over and fish would not come loose. Pump 40 bb.of 2% KCL wter down the csg.with max.psi of 1200# and surge back on a full 1" and 2" line with 35M# over pull and fish wuld not come loose. Csg.blew down to 50# with no movement of fish. SIFN with 30M# over string weight. SIFN. On 9/5/08 will attempt to unload well and see if fish will come loose and if not will pump a heavy gel pill and

Operations Summary Report

Well Name: FR 4P-21-14-20
Location: 21- 14-S 20-E 26
Rig Name: BASIN WELL SERVICE

Spud Date: 3/30/2008
Rig Release:
Rig Number: 1

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/5/2008	06:00 - 16:00	10.00	FISH	4	attempt to free fish. Rec all fluids pumped today. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12558' FC@12556??? "TIGHT HOLE" CIBP at 12250' (6/30/08) CIBP 11860' (8/13/08) Load from yesterday: 10800 LLTR: 10800 Perfs: Zone #1: Kenenta: (6/16/08) 12276 -12284 (24 holes) Zone #2: Entrada: (6/30/08) 11876-82'; 11910-11'; 11934-36 11984-86'; 12024-25'; 12044-45 12134-35' Zone#2: Dak.Silt and Cedar Mtn 10854-58'; 11049-57'; 11109-13 Lower Mancos: 10426'; 10468'; 10512' 10543'; 10575'; 10615'; 10685';10701', 10742'; 10782'; Plug at 10820' (Zone 4") Mancos; 9886'; 9926'; 9976'; 10006'; 10046'; 10105'; 10155'; 10215'; 01249'; 10310'; Plug at 10350' (Zone #5: Mancos 9776'; 9724'; 9680'; 9626'; 9557'; 9502'; 9458'; 9433'; 9386'; 9337'; (Zone #6) - plug at 9830' (Zone #7: Mancos: 8810'; 8848'; 8890'; 8940'; 8961'; 9034'; 9069'; 9156'; 9204'; 9234'; plug at 9280') (Zone #8: Mancos.. 8318'; 8344'; 8382';, 8440'; 8608'; 8642'; 8570'; 8615' 8653'; 8682'; plug at 8720') (Zone #9: Upper Mancos: 7766'; 7779'; 7796'; 7864'; 7904'; 7948'; 8020'; 8074'; 8126'; 8176'; plug at 8220') (Zone #10: Blackhawk and Mancos B: 7021***; 7040'; 7082'; 7418'; 7452'; 7527'; 7584'; Plug at 7620' NOTE: Did not shoot 6981' & 6997')
9/8/2008	06:00 - 16:00	10.00	FISH	3	"TIGHT HOLE": Completion of new well. On 9/5/08 SITP=700# and SICP=3350#. Bled off well and attempt to release fish by working jars and bumper sub and tbg.and fish would not move. Release from fish and POOH with fishing tools. MIRU Superior WS pump truck after unloading hole until well was dead. Pump 40 bbl.of 20# gel water pill followed by 50 bbl.of 2% KCL water and caught pressure up to 8000#. Pump at 1/4 BPM at 7500 to 8000# and after 15 additional bbl.of 2% KCL water was pumped pressure dropped to 2800# and pumped at 2-1/2 BPM. Pumped a total of 300 bbl.of water. RDMO pump truck. Left csg.open to the pit overnight on a 16/64" choke with FCP=3100#. On AM of 9/6/08 FCP=1100# on a 16/64" choke and attempt to bleed off csg.and would not bleed down below 900# and heavy gas vapors and mist. Left well flowing over the weekend on various chokes. At 8:00 AM on Sunday (9/7/08) FCP=550# on a 24/64" choke at an est.rate of 7 bbl.per hour and cum.recovery of 240 bbl.since AM on Saturday (9/6/08). At 7:00 AM on 9/8/08 FCP=350# on a 28/64" choke with an est.rate of 10 bbl.per hour of heavy gas and mist with a total est.recovery of 480 bbl.in the last 48 hours. On 9/8/08 will attempt to top kill csg.and RIH with fishing tools on tbg..No sand problems.

Operations Summary Report

Well Name: FR 4P-21-14-20
Location: 21- 14-S 20-E 26
Rig Name: BASIN WELL SERVICE

Spud Date: 3/30/2008
Rig Release:
Rig Number: 1

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/8/2008	06:00 - 16:00	10.00	FISH	3	Casing size: 4-1/2" 13.5# P-110 Casing depth: 12558' FC@12556??? "TIGHT HOLE" CIBP at 12250' (6/30/08) CIBP 11860' (8/13/08) Load from yesterday: 10800 Minus daily recovery: 480 Plus water today: 300 LLTR: 10640 Perfs: Zone #1: Kenenta: (6/16/08) 12276 -12284 (24 holes) Zone #2: Entrada: (6/30/08) 11876-82'; 11910-11'; 11934-36 11984-86'; 12024-25'; 12044-45 12134-35' Zone#2: Dak.Silt and Cedar Mtn 10854-58'; 11049-57'; 11109-13 Lower Mancos: 10426'; 10468'; 10512' 10543'; 10575'; 10615'; 10685';10701', 10742'; 10782'; Plug at 10820' (Zone 4") Mancos; 9886'; 9926'; 9976'; 10006'; 10046'; 10105'; 10155'; 10215'; 01249'; 10310'; Plug at 10350' (Zone #5: Mancos 9776'; 9724'; 9680'; 9626'; 9557'; 9502'; 9458'; 9433'; 9386'; 9337'; (Zone #6) - plug at 9830' (Zone #7: Mancos: 8810'; 8848'; 8890'; 8940'; 8961'; 9034'; 9069'; 9156'; 9204'; 9234'; plug at 9280') (Zone #8: Mancos.. 8318'; 8344'; 8382';, 8440'; 8608'; 8642'; 8570'; 8615' 8653'; 8682'; plug at 8720') (Zone #9: Upper Mancos: 7766'; 7779'; 7796'; 7864'; 7904'; 7948'; 8020'; 8074'; 8126'; 8176'; plug at 8220') (Zone #10: Blackhawk and Mancos B: 7021***; 7040'; 7082'; 7418'; 7452'; 7527'; 7584'; Plug at 7620' NOTE: Did not shoot 6981' & 6997')
9/9/2008	06:00 - 16:00	10.00	FISH	3	"TIGHT HOLE": Completion of new well. On AM of 9/8/08 FCP=350# on a 28/64" choke with heavy methane gas. Top kill well with 20 bbl.of 10# brine. RIH with OS and 1-7/16" grapple and bumber sub and jars and tbg..Had to pump an additional 50 bbl.of 10# brine while going in the hole. Tag fish top at 6830'. Work over rope socket and latch onto rope socket and start pulling out of the hole with up to 8M# drag. Continue out of hole and recovered entire fish with est.50' of wireline. Lay down fish and OS ssembly. SIFN. On 9/9/08 will RIH with wireline spear on tbg.. After latching onto fish and started to pull csg.was flowing at 350# on a 1" choke and top killed well again at 2000' with 20 bbl.of brine and well actually flowed back during the day all but the last 20 bbl.top kill. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12558' FC@12556???

Operations Summary Report

Well Name: FR 4P-21-14-20
Location: 21- 14-S 20-E 26
Rig Name: BASIN WELL SERVICE

Spud Date: 3/30/2008
Rig Release:
Rig Number: 1

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/9/2008	06:00 - 16:00	10.00	FISH	3	"TIGHT HOLE" CIBP at 12250' (6/30/08) CIBP 11860' (8/13/08) Load from yesterday: 10640 Minus daily recovery: 70 Plus water today: 90 LLTR: 10660 Perfs: Zone #1: Kenenta: (6/16/08) 12276 -12284 (24 holes) Zone #2: Entrada: (6/30/08) 11876-82'; 11910-11'; 11934-36 11984-86'; 12024-25'; 12044-45 12134-35' Zone#2: Dak.Silt and Cedar Mtn 10854-58'; 11049-57'; 11109-13 Lower Mancos: 10426'; 10468'; 10512' 10543'; 10575'; 10615'; 10685';10701', 10742'; 10782'; Plug at 10820' (Zone 4") Mancos; 9886'; 9926'; 9976'; 10006'; 10046'; 10105'; 10155'; 10215'; 01249'; 10310'; Plug at 10350' (Zone #5: Mancos 9776'; 9724'; 9680'; 9626'; 9557'; 9502'; 9458'; 9433'; 9386'; 9337'; (Zone #6) - plug at 9830' (Zone #7: Mancos: 8810'; 8848'; 8890'; 8940'; 8961'; 9034'; 9069'; 9156'; 9204'; 9234'; plug at 9280') (Zone #8: Mancos.. 8318'; 8344'; 8382';, 8440'; 8608'; 8642'; 8570'; 8615' 8653'; 8682'; plug at 8720') (Zone #9: Upper Mancos: 7766'; 7779'; 7796'; 7864'; 7904'; 7948'; 8020'; 8074'; 8126'; 8176'; plug at 8220') (Zone #10: Blackhawk and Mancos B: 7021***; 7040'; 7082'; 7418'; 7452'; 7527'; 7584'; Plug at 7620' NOTE: Did not shoot 6981' & 6997')
9/10/2008	06:00 - 16:00	10.00	FISH	4	"TIGHT HOLE": Completion of new well. On 9/9/08 SICP=1250#. Bled off to 250#. Top kill with 80 bbl.of 2% KCL water. RIH with tbg.wireline spear and tbg.and tag comp.frac plug at 7620'. Work spear. POOH with spear and tbg.and no wireline. Had to pump an additional 80 bbl.of 2% KCL water at 2500' due to well unloading. Well unloaded original 80 bbl.pumped today. Left well open to the pit overnight on a 14/64" choke. On AM of 9/10/08 FCP=1500# on a 14/64" choke. On 9/10/08 will RIH with mill and tbg.and start to clean out well. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12558' FC@12556??? "TIGHT HOLE" CIBP at 12250' (6/30/08) CIBP 11860' (8/13/08) Load from yesterday: 10660 Minus daily recovery: 80 Plus water today: 150 LLTR: 10740

Operations Summary Report

Well Name: FR 4P-21-14-20
Location: 21- 14-S 20-E 26
Rig Name: BASIN WELL SERVICE

Spud Date: 3/30/2008
Rig Release:
Rig Number: 1

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/10/2008	06:00 - 16:00	10.00	FISH	4	Perfs: Zone #1: Kenenta: (6/16/08) 12276 -12284 (24 holes) Zone #2: Entrada: (6/30/08) 11876-82'; 11910-11'; 11934-36 11984-86'; 12024-25'; 12044-45 12134-35' Zone#2: Dak.Silt and Cedar Mtn 10854-58'; 11049-57'; 11109-13 Lower Mancos: 10426'; 10468'; 10512' 10543'; 10575'; 10615'; 10685';10701', 10742'; 10782'; Plug at 10820' (Zone 4") Mancos; 9886'; 9926'; 9976'; 10006'; 10046'; 10105'; 10155'; 10215'; 01249'; 10310'; Plug at 10350' (Zone #5: Mancos 9776'; 9724'; 9680'; 9626'; 9557'; 9502'; 9458'; 9433'; 9386'; 9337'; (Zone #6) - plug at 9830' (Zone #7: Mancos: 8810'; 8848'; 8890'; 8940'; 8961'; 9034'; 9069'; 9156'; 9204'; 9234'; plug at 9280') (Zone #8: Mancos.. 8318'; 8344'; 8382';, 8440'; 8608'; 8642'; 8570'; 8615' 8653'; 8682'; plug at 8720') (Zone #9: Upper Mancos: 7766'; 7779'; 7796'; 7864'; 7904'; 7948'; 8020'; 8074'; 8126'; 8176'; plug at 8220') (Zone #10: Blackhawk and Mancos B: 7021***; 7040'; 7082'; 7418'; 7452'; 7527'; 7584'; Plug at 7620' NOTE: Did not shoot 6981' & 6997')
9/11/2008	06:00 - 16:00	10.00	FISH	1	"TIGHT HOLE": Completion of new well. On 9/10/08 FCP=1500# on a 14/64" choke and dry gas. Bled well down to 200# Top kill well with 75 bbl.of 2% KCL water. RIH with 3-3/4" Hurricane mill and pump-off bit sub and 2-3/8" tbg..Tag comp.frac plug at 7260'. RU Weatherford foam unit and unload hole. Attempt to start drilling out plug and packing is out on power swivel. Pull mill to 7230' and SIFN. On 9/11/08 will repair/replace power swivel and start to clean out well. Recovered all water pumped today. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12558' FC@12556??? "TIGHT HOLE" CIBP at 12250' (6/30/08) CIBP 11860' (8/13/08) Load from yesterday: 10740 Minus daily recovery: 75 Plus water today: 75 LLTR: 10740 Perfs: Zone #1: Kenenta: (6/16/08) 12276 -12284 (24 holes) Zone #2: Entrada: (6/30/08) 11876-82'; 11910-11'; 11934-36 11984-86'; 12024-25'; 12044-45 12134-35'

Operations Summary Report

Well Name: FR 4P-21-14-20
Location: 21- 14-S 20-E 26
Rig Name: BASIN WELL SERVICE

Spud Date: 3/30/2008
Rig Release:
Rig Number: 1

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/11/2008	06:00 - 16:00	10.00	FISH	1	Zone#2: Dak.Silt and Cedar Mtn 10854-58'; 11049-57'; 11109-13 Lower Mancos: 10426'; 10468'; 10512' 10543'; 10575'; 10615'; 10685';10701', 10742'; 10782'; Plug at 10820' (Zone 4") Mancos; 9886'; 9926'; 9976'; 10006'; 10046'; 10105'; 10155'; 10215'; 01249'; 10310'; Plug at 10350' (Zone #5: Mancos 9776'; 9724'; 9680'; 9626'; 9557'; 9502'; 9458'; 9433'; 9386'; 9337'; (Zone #6) - plug at 9830' (Zone #7: Mancos: 8810'; 8848'; 8890'; 8940'; 8961'; 9034'; 9069'; 9156'; 9204'; 9234'; plug at 9280') (Zone #8: Mancos.. 8318'; 8344'; 8382';, 8440'; 8608'; 8642'; 8570'; 8615' 8653'; 8682'; plug at 8720') (Zone #9: Upper Mancos: 7766'; 7779'; 7796'; 7864'; 7904'; 7948'; 8020'; 8074'; 8126'; 8176'; plug at 8220') (Zone #10: Blackhawk and Mancos B: 7021***; 7040'; 7082'; 7418'; 7452'; 7527'; 7584'; Plug at 7620' NOTE: Did not shoot 6981' & 6997')
9/12/2008	06:00 - 16:00	10.00	SEQ	1	"TIGHT HOLE": Completion of new well. On 9/11/08 SITP=2000# and SICP=2300#. Bled off well to 200#. Hook up repaired power swivel. Tag frac plug at 7620'. Est.circ.with foam unit. Drill out frac plug at 7620' and continue in the hole and drill out frac plugs at 8220'; 8720' and 9280' with foam unit. No sand problems. SIFN. On 9/12/08 will continue to drill out 3 additional frac plugs and clean out well. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12558' FC@12556??? "TIGHT HOLE" CIBP at 12250' (6/30/08) CIBP 11860' (8/13/08) LLTR: 10740 Perfs: Zone #1: Kenenta: (6/16/08) 12276 -12284 (24 holes) Zone #2: Entrada: (6/30/08) 11876-82'; 11910-11'; 11934-36 11984-86'; 12024-25'; 12044-45 12134-35' Zone#2: Dak.Silt and Cedar Mtn 10854-58'; 11049-57'; 11109-13 Lower Mancos: 10426'; 10468'; 10512' 10543'; 10575'; 10615'; 10685';10701', 10742'; 10782'; Plug at 10820' (Zone 4") Mancos; 9886'; 9926'; 9976'; 10006'; 10046'; 10105'; 10155'; 10215'; 01249'; 10310'; Plug at 10350' (Zone #5: Mancos 9776'; 9724'; 9680'; 9626'; 9557'; 9502'; 9458'; 9433'; 9386'; 9337'; (Zone #6) - plug at 9830' (Zone #7: Mancos: 8810'; 8848'; 8890'; 8940'; 8961'; 9034'; 9069'; 9156'; 9204'; 9234'; plug at 9280') (Zone #8: Mancos.. 8318'; 8344'; 8382';, 8440'; 8608'; 8642'; 8570'; 8615' 8653'; 8682';

Operations Summary Report

Well Name: FR 4P-21-14-20
Location: 21- 14-S 20-E 26
Rig Name: BASIN WELL SERVICE

Spud Date: 3/30/2008
Rig Release:
Rig Number: 1

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/12/2008	06:00 - 16:00	10.00	SEQ	1	plug at 8720') (Zone #9: Upper Mancos: 7766'; 7779'; 7796'; 7864'; 7904'; 7948'; 8020'; 8074'; 8126'; 8176'; plug at 8220') (Zone #10: Blackhawk and Mancos B: 7021***; 7040'; 7082'; 7418'; 7452'; 7527'; 7584'; Plug at 7620' NOTE: Did not shoot 6981' & 6997')
9/15/2008	06:00 - 16:00	10.00	STIM	3	"TIGHT HOLE": Completion of new well. On 9/12/08 SITP-1100# and SICP=2400#. Bled off csg.to 1000#. Pump 20 bbl.of 2% KCL water down the tbg.to kill. Continue to RIH and clean out well with mill and foam unit. Tag sand at 9725' and clean out sand to comp. frac plug at 9830' and drill out plug. Continue in the hole and tag frac plug at 10350' and drill out plug. Contineu in hte hole and tag frac plug at 10820' anddrill out final composite plug. Continue in the hole and tag fill at 11738' (new PBTD). Circ.hole clean. POOH and lay down 127 jts.of tbg..SIFN. On 9/13/08 will continue to lay cown tbg.to desired depth to production log and pump off bit usb assembly and turn well over to production. On 9/13/08 SITP=1700# and SICP=2500#. Bled off csg.to 300# and pump 20 bbl.of 2% KCL water down the tbg. to kill Continue to POOH and lay down 50 additional jts.of tbg.to have tbg.tail at 6915'. ND BOP's and land tbg. in the hanger. Casing flowed the entire time at 300# on a 1" choke. NUWH. Drop ball and appear to shear off bit sub assembly with 25 bbl.of water and pump an additional 10 bbl.of water. Sheared at 2200# and pumped the remaining 10 bbl.of water at 2-1/2 BPM at 1000#. Open tbg.to flow back tank and started to flow on a full 2" with a recovery of 30 bbl.of wter and then straight gas. SI the wellhead and open csg.to the production system at noon on 9/13/08 with a SICP=1700#. Will flow up the csg.unitil wellhead is hooked up to flow line system. Turn well over to production department. Tbg.is landed high to obtain production log. Report discontinued until further activity. On 9/15/08 will RDMO Basin Well Service #1 rig. No additional reports until new activity. Tbg.detail: Bit sub entry=0.92'; 1 jt.of tbg.=32.45'; 1.81" "F" nipple=0.85'; 216 jts.of t g.to surface=6859.88'; KB=21'. Tbg.tail at 6914.64' and "F" nipple at 5860'; All tbg.is new 2-3/8" EUE 8rd 4.7# P=110. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12558' FC@12556??? "TIGHT HOLE" CIBP at 12250' (6/30/08) CIBP 11860' (8/13/08) LLTR: 10740 Perfs: Zone #1: Kenenta: (6/16/08) 12276 -12284 (24 holes) Zone #2: Entrada: (6/30/08) 11876-82'; 11910-11'; 11934-36 11984-86'; 12024-25'; 12044-45 12134-35' Zone#2: Dak.Silt and Cedar Mtn 10854-58'; 11049-57'; 11109-13 Lower Mancos: 10426'; 10468'; 10512' 10543'; 10575'; 10615'; 10685';10701', 10742'; 10782'; Plug at 10820' (Zone 4") Mancos; 9886'; 9926'; 9976'; 10006'; 10046'; 10105'; 10155'; 10215'; 01249';

Operations Summary Report

Well Name: FR 4P-21-14-20
Location: 21- 14-S 20-E 26
Rig Name: BASIN WELL SERVICE

Spud Date: 3/30/2008
Rig Release:
Rig Number: 1

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/15/2008	06:00 - 16:00	10.00	STIM	3	10310'; Plug at 10350' (Zone #5: Mancos 9776'; 9724'; 9680'; 9626'; 9557'; 9502'; 9458'; 9433'; 9386'; 9337'; (Zone #6) - plug at 9830' (Zone #7: Mancos: 8810'; 8848'; 8890'; 8940'; 8961'; 9034'; 9069'; 9156'; 9204'; 9234'; plug at 9280') (Zone #8: Mancos.. 8318'; 8344'; 8382';, 8440'; 8608'; 8642'; 8570'; 8615' 8653'; 8682'; plug at 8720') (Zone #9: Upper Mancos: 7766'; 7779'; 7796'; 7864'; 7904'; 7948'; 8020'; 8074'; 8126'; 8176'; plug at 8220') (Zone #10: Blackhawk and Mancos B: 7021***; 7040'; 7082'; 7418'; 7452'; 7527'; 7584'; Plug at 7620' NOTE: Did not shoot 6981' & 6997')

CONFIDENTIAL

43-047-39811
21 14S 20E

Operations Summary Report

Legal Well Name: FR 4P-21-14-20
Common Well Name: FR 4P-21-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 6/11/2008
Rig Release:
Rig Number: 1

Spud Date: 3/30/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/15/2008	06:00 - 16:00	10.00	STIM	3		On 9/15/08 will RDMO Basin Well Service #1 rig. No additional reports until new activity. Tbg.detail: Bit sub entry=0.92'; 1 jt.of tbg.=32.45'; 1.81" "F" nipple=0.85'; 216 jts.of t g.to surface=6859.88'; KB=21'. Tbg.tail at 6914.64' and "F" nipple at 5860'; All tbg.is new 2-3/8" EUE 8rd 4.7# P=110. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12558' FC@12556??? "TIGHT HOLE" CIBP at 12250' (6/30/08) CIBP 11860' (8/13/08) LLTR: 10740 Perfs: Zone #1: Kenenta: (6/16/08) 12276 -12284 (24 holes) Zone #2: Entrada: (6/30/08) 11876-82'; 11910-11'; 11934-36 11984-86'; 12024-25'; 12044-45 12134-35' Zone#2: Dak.Silt and Cedar Mtn 10854-58'; 11049-57'; 11109-13 Lower Mancos: 10426'; 10468'; 10512' 10543'; 10575'; 10615'; 10685';10701', 10742'; 10782'; Plug at 10820' (Zone 4") Mancos; 9886'; 9926'; 9976'; 10006'; 10046'; 10105'; 10155'; 10215'; 01249'; 10310'; Plug at 10350' (Zone #5: Mancos 9776'; 9724'; 9680'; 9626'; 9557'; 9502'; 9458'; 9433'; 9386'; 9337'; (Zone #6) - plug at 9830' (Zone #7: Mancos: 8810'; 8848'; 8890'; 8940'; 8961'; 9034'; 9069'; 9156'; 9204'; 9234'; plug at 9280') (Zone #8: Mancos.. 8318'; 8344'; 8382';, 8440'; 8608'; 8642'; 8570'; 8615' 8653'; 8682'; plug at 8720') (Zone #9: Upper Mancos: 7766'; 7779'; 7796'; 7864'; 7904'; 7948'; 8020'; 8074'; 8126'; 8176'; plug at 8220') (Zone #10: Blackhawk and Mancos B: 7021***; 7040'; 7082'; 7418'; 7452'; 7527'; 7584'; Plug at 7620' NOTE: Did not shoot 6981' & 6997')
11/18/2008	06:00 - 16:00	10.00	STIM	3		"TIGHT HOLE": Completion of new well. Resumption of report discontinued on report date 9/13,14,15/06. This work will be to clean out well to allow production log to be ran due to obstruction at approx.10500'. On PM of 11/17/08 road rig to location. Will RU and NDWH and NU BOP's on 11/18/08. Tbg.detail: Bit sub entry=0.92'; 1 jt.of tbg.=32.45'; 1.81" "F" nipple=0.85'; 216 jts.of t g.to surface=6859.88'; KB=21'. Tbg.tail at 6914.64' and "F" nipple at 6860'; All tbg.is new 2-3/8" EUE 8rd 4.7# P=110. Casing size: 4-1/2" 13.5# P-110

Operations Summary Report

Legal Well Name: FR 4P-21-14-20
Common Well Name: FR 4P-21-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 6/11/2008
Rig Release:
Rig Number: 1

Spud Date: 3/30/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/18/2008	06:00 - 16:00	10.00	STIM	3		Casing depth: 12558' FC@12556??? "TIGHT HOLE" CIBP at 12250' (6/30/08) CIBP 11860' (8/13/08) Perfs: Zone #1: Kenenta: (6/16/08) 12276 -12284 (24 holes) Zone #2: Entrada: (6/30/08) 11876-82'; 11910-11'; 11934-36 11984-86'; 12024-25'; 12044-45 12134-35' Zone#2: Dak.Silt and Cedar Mtn 10854-58'; 11049-57'; 11109-13 Lower Mancos: 10426'; 10468'; 10512' 10543'; 10575'; 10615'; 10685';10701', 10742'; 10782'; Plug at 10820' (Zone 4") Mancos; 9886'; 9926'; 9976'; 10006'; 10046'; 10105'; 10155'; 10215'; 01249'; 10310'; Plug at 10350' (Zone #5: Mancos 9776'; 9724'; 9680'; 9626'; 9557'; 9502'; 9458'; 9433'; 9386'; 9337'; (Zone #6) - plug at 9830' (Zone #7: Mancos: 8810'; 8848'; 8890'; 8940'; 8961'; 9034'; 9069'; 9156'; 9204'; 9234'; plug at 9280') (Zone #8: Mancos.. 8318'; 8344'; 8382';, 8440'; 8608'; 8642'; 8570'; 8615' 8653'; 8682'; plug at 8720') (Zone #9: Upper Mancos: 7766'; 7779'; 7796'; 7864'; 7904'; 7948'; 8020'; 8074'; 8126'; 8176'; plug at 8220') (Zone #10: Blackhawk and Mancos B: 7021***; 7040'; 7082'; 7418'; 7452'; 7527'; 7584'; Plug at 7620' NOTE: Did not shoot 6981' & 6997')
11/19/2008	06:00 - 16:00	10.00	BOP	1		"TIGHT HOLE": Completion of new well. On 11/18/08 FTP=300# and SICP=500#. Open well to pit to bleed off. Pump 20 bbl. of 2% KCL water down the tbg. to kill. NDWH and NU BOP's. Lay down hanger. Tally and rabbit in the hole with 156 jts.of 2-3/8" tbg.and tag PBTD at 11684'. Did not tag anything on the way in the hole. Pull tbg.tail to 11493' and SIFN. Had to pump a total of 60 bbl.of water today to keep tbg.dead. Recovered all water pumped today. On 11/19/08 will re-position tbg.above the perfs.for a production log and ND BOP's and NUWH and resume production of well. Tbg.detail: Bit sub entry=0.92'; 1 jt.of tbg.=32.45'; 1.81" "F" nipple=0.85'; 216 jts.of t g.to surface=6859.88'; KB=21'. Tbg.tail at 6914.64' and "F" nipple at 6860'; All tbg.is new 2-3/8" EUE 8rd 4.7# P=110. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12558' FC@12556??? "TIGHT HOLE" CIBP at 12250' (6/30/08) CIBP 11860' (8/13/08)

Operations Summary Report

Legal Well Name: FR 4P-21-14-20
Common Well Name: FR 4P-21-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 6/11/2008
Rig Release:
Rig Number: 1

Spud Date: 3/30/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/19/2008	06:00 - 16:00	10.00	BOP	1		Perfs: Zone #1: Kenenta: (6/16/08) 12276 -12284 (24 holes) Zone #2: Entrada: (6/30/08) 11876-82'; 11910-11'; 11934-36 11984-86'; 12024-25'; 12044-45 12134-35' Zone#2: Dak.Silt and Cedar Mtn 10854-58'; 11049-57'; 11109-13 Lower Mancos: 10426'; 10468'; 10512' 10543'; 10575'; 10615'; 10685';10701', 10742'; 10782'; Plug at 10820' (Zone 4") Mancos; 9886'; 9926'; 9976'; 10006'; 10046'; 10105'; 10155'; 10215'; 01249'; 10310'; Plug at 10350' (Zone #5: Mancos 9776'; 9724'; 9680'; 9626'; 9557'; 9502'; 9458'; 9433'; 9386'; 9337'; (Zone #6) - plug at 9830' (Zone #7: Mancos: 8810'; 8848'; 8890'; 8940'; 8961'; 9034'; 9069'; 9156'; 9204'; 9234'; plug at 9280') (Zone #8: Mancos.. 8318'; 8344'; 8382';, 8440'; 8608'; 8642'; 8570'; 8615' 8653'; 8682'; plug at 8720') (Zone #9: Upper Mancos: 7766'; 7779'; 7796'; 7864'; 7904'; 7948'; 8020'; 8074'; 8126'; 8176'; plug at 8220') (Zone #10: Blackhawk and Mancos B: 7021***; 7040'; 7082'; 7418'; 7452'; 7527'; 7584'; Plug at 7620' NOTE: Did not shoot 6981' & 6997')
11/20/2008	06:00 - 16:00	10.00	BOP	1		"TIGHT HOLE": Completion of new well. On 11/19/08 SITP=350# and SICP=1450#. Bled down well and pump 20 bbl.of 2% KCL water down the tbg..POOH and lay down 155 jts.of tbg..ND BOP's and NUWH. Had to pump an additional 20 bbl.prior to nipple up. RDMO Basin Well Service. Tbg.tail as follows: 1 jt;. 1.81" "F" nipple and 216 jts.of tbg.to surface. Tbg.tail at 6915' and "F" nipple at 6868' KB depths. Turn well over to production department for production log. Report discontinued until further activity. Recovered all water pumped today. Tbg.detail: Bit sub entry=0.92'; 1 jt.of tbg.=32.45'; 1.81" "F" nipple=0.85'; 216 jts.of t g.to surface=6859.88'; KB=21'. Tbg.tail at 6914.64' and "F" nipple at 6860'; All tbg.is new 2-3/8" EUE 8rd 4.7# P=110. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12558' FC@12556??? "TIGHT HOLE" CIBP at 12250' (6/30/08) CIBP 11860' (8/13/08) Perfs: Zone #1: Kenenta: (6/16/08) 12276 -12284 (24 holes) Zone #2: Entrada: (6/30/08) 11876-82'; 11910-11'; 11934-36

Operations Summary Report

Legal Well Name: FR 4P-21-14-20
Common Well Name: FR 4P-21-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 6/11/2008
Rig Release:
Rig Number: 1

Spud Date: 3/30/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/20/2008	06:00 - 16:00	10.00	BOP	1		11984-86'; 12024-25'; 12044-45 12134-35' Zone#2: Dak.Silt and Cedar Mtn 10854-58'; 11049-57'; 11109-13 Lower Mancos: 10426'; 10468'; 10512' 10543'; 10575'; 10615'; 10685';10701', 10742'; 10782'; Plug at 10820' (Zone 4") Mancos; 9886'; 9926'; 9976'; 10006'; 10046'; 10105'; 10155'; 10215'; 01249'; 10310'; Plug at 10350' (Zone #5: Mancos 9776'; 9724'; 9680'; 9626'; 9557'; 9502'; 9458'; 9433'; 9386'; 9337'; (Zone #6) - plug at 9830' (Zone #7: Mancos: 8810'; 8848'; 8890'; 8940'; 8961'; 9034'; 9069'; 9156'; 9204'; 9234'; plug at 9280') (Zone #8: Mancos.. 8318'; 8344'; 8382';, 8440'; 8608'; 8642'; 8570'; 8615' 8653'; 8682'; plug at 8720') (Zone #9: Upper Mancos: 7766'; 7779'; 7796'; 7864'; 7904'; 7948'; 8020'; 8074'; 8126'; 8176'; plug at 8220') (Zone #10: Blackhawk and Mancos B: 7021***; 7040'; 7082'; 7418'; 7452'; 7527'; 7584'; Plug at 7620' NOTE: Did not shoot 6981' & 6997')
12/16/2008	06:00 - 16:00	10.00	BOP	1		"TIGHT HOLE": Completion of new well. Resumption of report discontinued on 11/20/08: This work is to lower tbg.in the well. Well has been production logged. On 12/15/08 FTP=150# and SICP=600#. On 12/12/08 MIRU Basin WS #3 rig and left well producing over the weekend. On 12/15/08 pump 10 bbl.of 2% KCL water down the tbg..NDWH and NU BOP's. Tally and rabbit in hole with an additional 57 jts.of tbg...ND BOP's and NUWH. SIFN. On 12/16/08 SITP and SICP=1250#. Will return well to production this AM and RDMO Basin WS. Report discontinued. Final report of completion. Tbg.Detail: shear sub=0.90'; 1 jt.of tbg.=32.45'; 1.81" "F" nipple=0.92'; 273 jts.of tbg.=8642.49'; Hanger=0.82';KB=21'; Tbg.tail at 8698.58'; "F" nipple at 8664.34'; All tbg.is 2-3/8" EUE 8rd 4.7# P-110. Casing size: 4-1/2" 13.5# P-110 Casing depth: 12558' FC@12556??? "TIGHT HOLE" CIBP at 12250' (6/30/08) CIBP 11860' (8/13/08) Perfs: Zone #1: Kenenta: (6/16/08) 12276 -12284 (24 holes) Zone #2: Entrada: (6/30/08) 11876-82'; 11910-11'; 11934-36 11984-86'; 12024-25'; 12044-45 12134-35' Zone#2: Dak.Silt and Cedar Mtn 10854-58'; 11049-57'; 11109-13

Operations Summary Report

Legal Well Name: FR 4P-21-14-20
Common Well Name: FR 4P-21-14-20
Event Name: COMPLETION
Contractor Name: Basin Well Service
Rig Name: BASIN WELL SERVICE

Start: 6/11/2008
Rig Release:
Rig Number: 1

Spud Date: 3/30/2008
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/16/2008	06:00 - 16:00	10.00	BOP	1		Lower Mancos: 10426'; 10468'; 10512' 10543'; 10575'; 10615'; 10685';10701', 10742'; 10782'; Plug at 10820' (Zone 4") Mancos; 9886'; 9926'; 9976'; 10006'; 10046'; 10105'; 10155'; 10215'; 01249'; 10310'; Plug at 10350' (Zone #5: Mancos 9776'; 9724'; 9680'; 9626'; 9557'; 9502'; 9458'; 9433'; 9386'; 9337'; (Zone #6) - plug at 9830' (Zone #7: Mancos: 8810'; 8848'; 8890'; 8940'; 8961'; 9034'; 9069'; 9156'; 9204'; 9234'; plug at 9280') (Zone #8: Mancos.. 8318'; 8344'; 8382';, 8440'; 8608'; 8642'; 8570'; 8615' 8653'; 8682'; plug at 8720') (Zone #9: Upper Mancos: 7766'; 7779'; 7796'; 7864'; 7904'; 7948'; 8020'; 8074'; 8126'; 8176'; plug at 8220') (Zone #10: Blackhawk and Mancos B: 7021***; 7040'; 7082'; 7418'; 7452'; 7527'; 7584'; Plug at 7620' NOTE: Did not shoot 6981' & 6997')

AFFIDAVIT OF NOTICE

STATE OF COLORADO)
) ss:
COUNTY OF DENVER)

Chad W. Matney, being duly sworn, deposes and says:

1. That I am employed by Questar Exploration and Production Company in the capacity as a Landman. My business address is:

   Independence Plaza
   1050 17th Street, Suite 500
   Denver, CO 80265

2. In my capacity as a Landman, pursuant to the provisions of Utah Administrative Rule 649-3-22, I have provided a copy of Questar Exploration and Production Company's application for completion of the FR 4P-21-14-20 well into two or more pools, in the form of Utah Division of Oil, Gas and Mining's Form 9 Sundry Notice, to owners of all contiguous oil and gas leases or drilling units overlying the pools which are the subject of that application.

3. In my capacity as a Landman, I am authorized to provide such notice of Questar Exploration and Production Company's application to contiguous owners and to make this affidavit on this 20th day of October 2008.

Printed Name: Chad W. Matney

The foregoing instrument was sworn to and subscribed before me this 20th day of October 2008, by Chad W. Matney.

Notary Public

THERESA CHATMAN
-NOTARY PUBLIC-
STATE OF COLORADO

MY COMMISSION EXPIRES: 7/7/11

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE *– Other instructions on page 2.*

5. Lease Serial No.: UTU-10164

6. If Indian, Allottee or Tribe Name: UTE TRIBE

7. If Unit of CA/Agreement, Name and/or No.: N/A

1. Type of Well: ☐ Oil Well ☑ Gas Well ☐ Other

8. Well Name and No.: FR 4P-21-14-20

2. Name of Operator: QUESTAR EXPLORATION & PRODUCTION CO. CONTACT: Mike Stahl

9. API Well No.: 43-047-39811

3a. Address: 11002 EAST 17500 SOUTH, VERNAL, UTAH 84078

3b. Phone No. *(include area code)*: (303) 308-3613

10. Field and Pool or Exploratory Area: UNDESIGNATED

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*: 850' FNL 510' FWL, NWNW, SECTION 21, T14S, R20E

11. Country or Parish, State: UINTAH, UTAH

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☑ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other CHANGE IN COMMINGLING PERCENTAGES
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

In Compliance with the Administrative Utah code for drillling and operating practice R649-3-22, completion into two or more pools. Questar Exploration & Production Company hereby requests the commingling of production between intervals in the FR 4P-21-14-20. Questar considers this commingling to be in the public interest in that it promotes maximum ultimate economic recevery, prevents waste, provides for orderly and efficient production of oil and gas and presents no detrimental effects from commingling the gas streams.

Questar requests approval for the commingling of production of the Dakota and Mancos intervals. Based upon offset production logs, the proposed initial allocation is as follows: Dakota - 40% ; Mancos - 60%.

On an annual basis the gas will be sampled and a determination will be made of the BTU content and gas constituents. These annual samples can be used to determine if the gas allocation is changing over time. If these samples do not indicate that any adjustments in allocation are necessary they may be discontinues after the fifth anniversary of the initial production.

COPY SENT TO OPERATOR
Date: 1·22·2009
Initials: KS

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)*: Laura Bills

Title: Associate Regulatory Affairs Analyst

Signature: Laura Bills

Date: 12/04/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by: Dustin Doucet

Title: Pet. Eng.

Date: 1/5/09

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office: DOGM

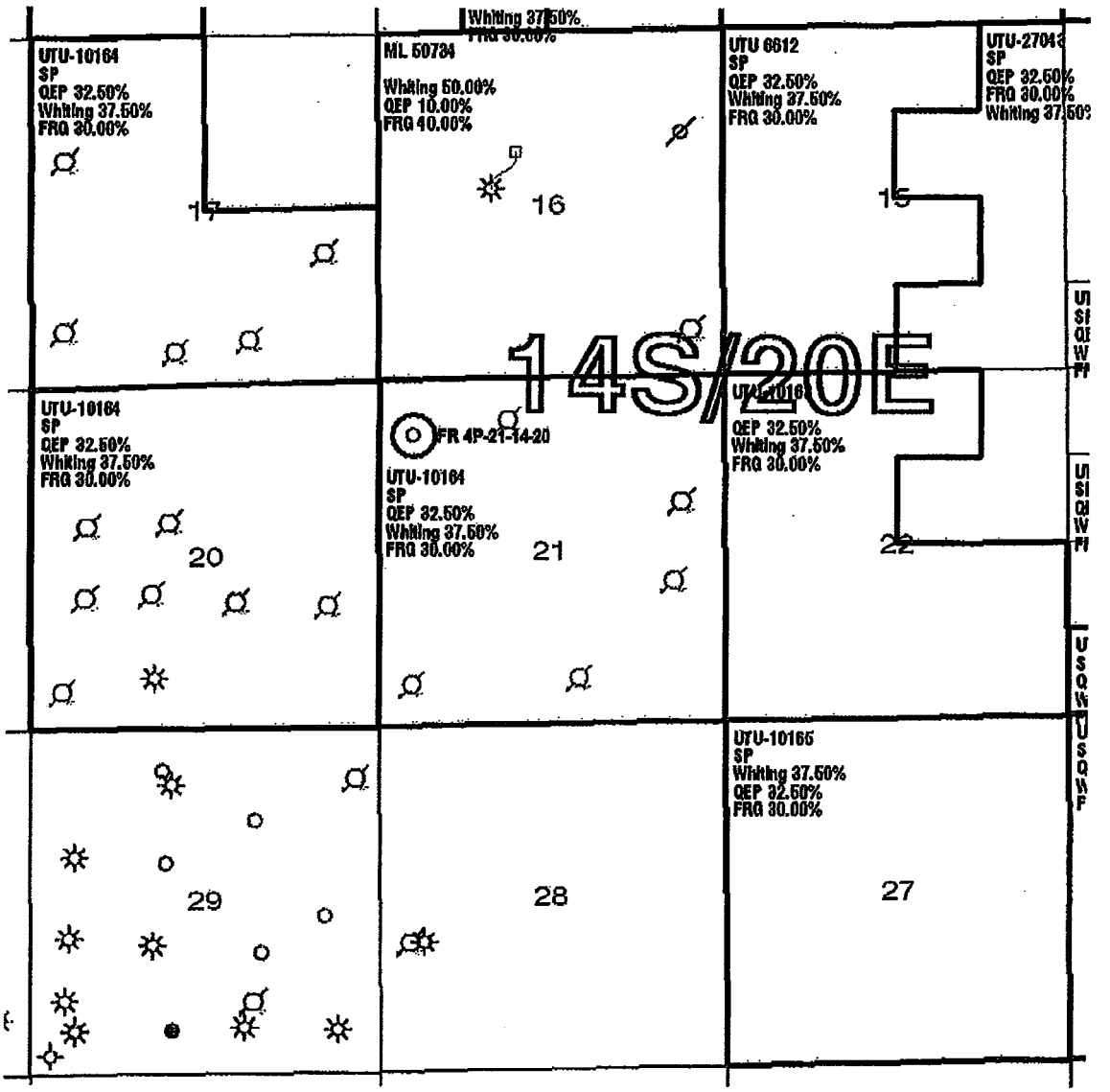
Federal Approval Of This Action Is Necessary

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED
DEC 09 2008
DIV. OF OIL, GAS & MINING

CONFIDENTIAL



T14S-R20E

○ Commingled well

Tw/Kmv
COMMINGLED PRODUCTION
Uinta Basin—Uintah County, Utah

Well: FR 4P-21-14-20
Lease: UTU 10164

QUESTAR Exploration and Production
1050 17th St., #500 Denver, CO 80265

Geologist:
Landman: Chad Matney
Date: September 16, 2008

AFFIDAVIT OF NOTICE

STATE OF COLORADO)
) ss:
COUNTY OF DENVER)

Chad W. Matney, being duly sworn, deposes and says:

1. That I am employed by Questar Exploration and Production Company in the capacity as a Landman. My business address is:

   Independence Plaza
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   Denver, CO 80265

2. In my capacity as a Landman, pursuant to the provisions of Utah Administrative Rule 649-3-22, I have provided a copy of Questar Exploration and Production Company's application for completion of the FR 4P-21-14-20 well into two or more pools, in the form of Utah Division of Oil, Gas and Mining's Form 9 Sundry Notice, to owners of all contiguous oil and gas leases or drilling units overlying the pools which are the subject of that application.

3. In my capacity as a Landman, I am authorized to provide such notice of Questar Exploration and Production Company's application to contiguous owners and to make this affidavit on this 20th day of October 2008.

Printed Name: Chad W. Matney

The foregoing instrument was sworn to and subscribed before me this 20th day of October 2008, by Chad W. Matney.

Notary Public

THERESA CHATMAN
-NOTARY PUBLIC-
STATE OF COLORADO

MY COMMISSION EXPIRES: 7/7/11

State of Utah
Division of Oil, Gas and Mining

ENTITY ACTION FORM - FORM 6

OPERATOR ACCT. No. N-5085

OPERATOR: **Questar Exploration & Production Co.**
ADDRESS: **11002 East 17500 South**
Vernal, Utah 84078 (435)781-4342

Action Code	Current Entity No.	New Entity No.	API Number	Well Name	QQ	SC	TP	RG	County	Spud Date	Effective Date
E	**16771**	**16771**	**43-047-39811**	**FR 4P 21 14 20**	**NWNW**	**21**	**14S**	**20E**	**Uintah**	**3/30/08**	**1/5/09**
WELL 1 COMMENTS: **DKMNC**											1/28/09
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)
- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected

(3/89)

Signature

Office Administrator 1/27/09
Title Date

Phone No. (435)781-4342

RECEIVED
JAN 27 2009
DIV. OF OIL, GAS & MINING

CONFIDENTIAL

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

5. Lease Serial No. UTU-10164

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

6. If Indian, Allottee or Tribe Name: UTE TRIBE

SUBMIT IN TRIPLICATE – *Other instructions on page 2.*

7. If Unit of CA/Agreement, Name and/or No.: N/A

1. Type of Well: ☐ Oil Well ☑ Gas Well ☐ Other

8. Well Name and No.: FR 4P-21-14-20

2. Name of Operator: QUESTAR EXPLORATION & PRODUCTION CO. CONTACT: Mike Stahl

9. API Well No.: 43-047-39811

3a. Address: 11002 EAST 17500 SOUTH, VERNAL, UTAH 84078

3b. Phone No. *(include area code)*: (303) 308-3613

10. Field and Pool or Exploratory Area: UNDESIGNATED

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*: 850' FNL 510' FWL, NWNW, SECTION 21, T14S, R20E

11. Country or Parish, State: UINTAH, UTAH

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☑ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other CHANGE IN COMMINGLING PERCENTAGES
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

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COPY SENT TO OPERATOR
Date: 3·12·2009
Initials: KS

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)*: Laura Bills

Title: Associate Regulatory Affairs Analyst

Signature: Laura Bills

Date: 02/18/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by: Dan Kuhn

Title: Pet. Eng.

Date: 3/11/09

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office: Doom

Federal Approval Of This Action Is Necessary

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED
FEB 19 2009
DIV. OF OIL, GAS & MIN.

(Instructions on page 2)

AFFIDAVIT OF NOTICE

STATE OF COLORADO)
) ss:
COUNTY OF DENVER)

Chad W. Matney, being duly sworn, deposes and says:

1. That I am employed by Questar Exploration and Production Company in the capacity as a Landman. My business address is:

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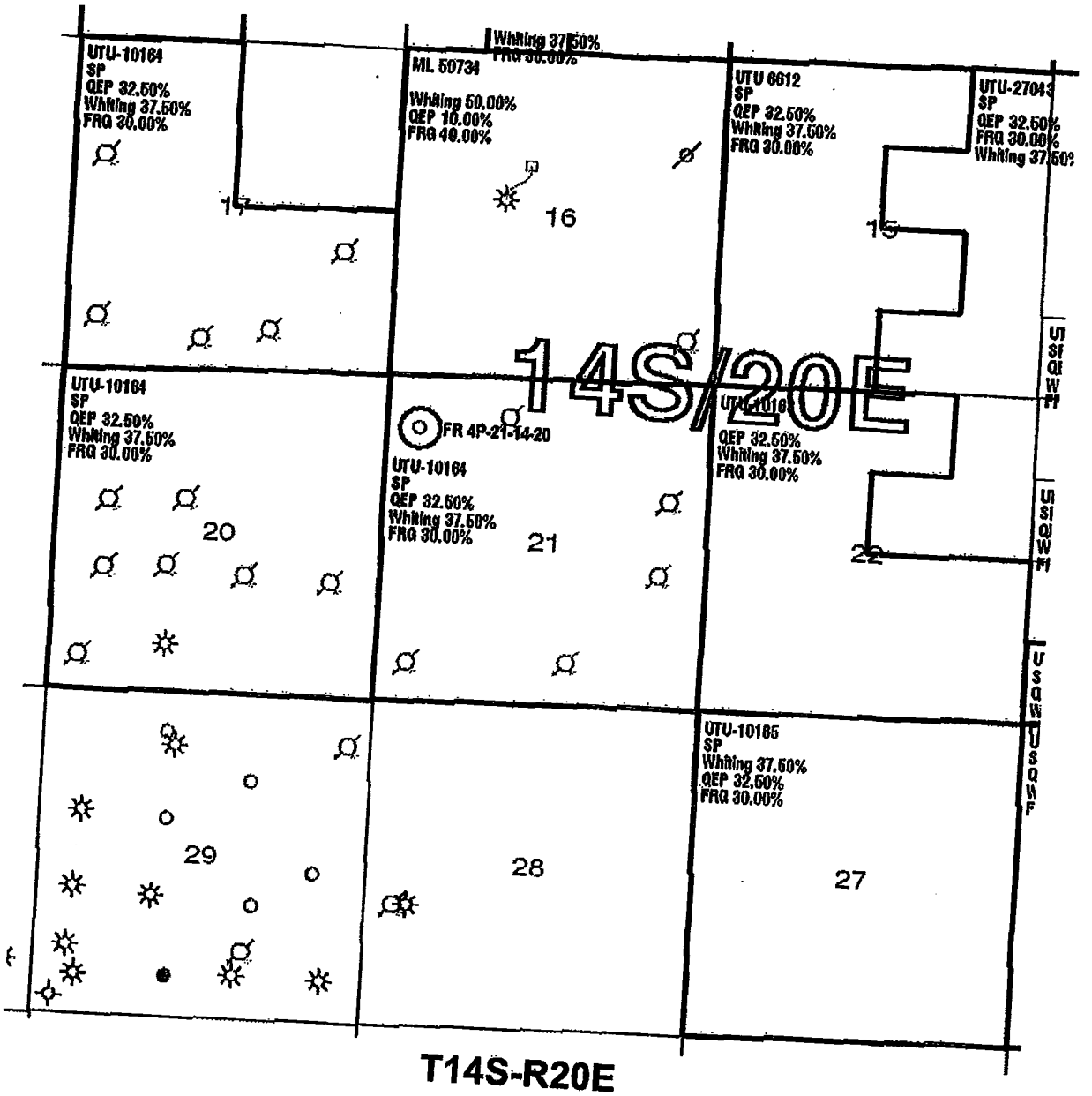
Chad W. Matney
Printed Name: Chad W. Matney

The foregoing instrument was sworn to and subscribed before me this 20th day of October 2008, by Chad W. Matney.

Theresa Chatman
Notary Public

THERESA CHATMAN
-NOTARY PUBLIC-
STATE OF COLORADO

MY COMMISSION EXPIRES: 7/7/11



○ Commingled well

Tw/Kmv
COMMINGLED PRODUCTION
Uinta Basin—Uintah County, Utah

Well: FR 4P-21-14-20
Lease: UTU 10164

QUESTAR Exploration and Production
1050 17th St., # 500 Denver, CO 80265

Geologist:	
Landman: Chad Matney	
Date: September 16, 2008	

QUESTAR

Questar Exploration and Production Compan
Independence Plaza
1050 17th Street, Suite 500
Denver, CO 80265
Tel 303 672 6900 • Fax 303 294 9632

Rocky Mountain Region

October 20, 2008

SEE ATTACHED MAILING LIST

Dear Owner:

Attached for your information is a copy of Questar's application to the State of Utah Division of Oil, Gas and Mining for commingling of the FR 4P-21-14-20 Well located in Uintah County, Utah.

Very truly yours,

Chad W. Matney
Landman

Enclosure(s)

MAILING LIST
FR 4P-21-14-20
NOTICE OF COMMINGLING

Flat Rock Gas LLC
333 W. Center Street
North Salt Lake, UT 84054
Attn: Chris Malan

Whiting Oil & Gas Corp.
1700 Broadway Suite 2300
Denver, CO 80290
Attn: Uinta Basin Land Manager

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

Change of Operator (Well Sold) **X - Operator Name Change**

The operator of the well(s) listed below has changed, effective: **6/14/2010**

FROM: (Old Operator):	**TO:** (New Operator):
N5085-Questar Exploration and Production Company 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 308-3048	N3700-QEP Energy Company 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 308-3048

CA No. **Unit:**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/28/2010
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/28/2010
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 6/24/2010
4a. Is the new operator registered in the State of Utah: Business Number: 764611-0143
5a. (R649-9-2)Waste Management Plan has been received on: Requested
5b. Inspections of LA PA state/fee well sites complete on: n/a
5c. Reports current for Production/Disposition & Sundries on: ok
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 8/16/2010 BIA not yet
7. **Federal and Indian Units:**
   The BLM or BIA has approved the successor of unit operator for wells listed on: 8/16/2010
8. **Federal and Indian Communization Agreements ("CA"):**
   The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
9. **Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6/29/2010

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 6/30/2010
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 6/30/2010
3. Bond information entered in RBDMS on: 6/30/2010
4. Fee/State wells attached to bond in RBDMS on: 6/30/2010
5. Injection Projects to new operator in RBDMS on: 6/30/2010
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: ESB000024
2. Indian well(s) covered by Bond Number: 965010693
3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965010695
3b. The **FORMER** operator has requested a release of liability from their bond on: n/a

LEASE INTEREST OWNER NOTIFICATION:

4. (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: See attached	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: See attached	
7. UNIT or CA AGREEMENT NAME: See attached	
1 TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER	8. WELL NAME and NUMBER: See attached
2 NAME OF OPERATOR: Questar Exploration and Production Company N5085	9. API NUMBER: Attached
3. ADDRESS OF OPERATOR: 1050 17th Street, Suite 500 CITY Denver STATE CO ZIP 80265 / PHONE NUMBER: (303) 672-6900	10. FIELD AND POOL, OR WILDCAT: See attached
4. LOCATION OF WELL: FOOTAGES AT SURFACE: See attached / QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	COUNTY: Attached / STATE: UTAH

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: 6/14/2010	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Operator Name Change
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective June 14, 2010 Questar Exploration and Production Company changed its name to QEP Energy Company. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:
Federal Bond Number: 965002976 (BLM Reference No. ESB000024) N3700
Utah State Bond Number: ~~965003033~~ 965010695
Fee Land Bond Number: ~~965003033~~ 965010695
BIA Bond Number: ~~799446~~ 965010693

The attached document is an all inclusive list of the wells operated by Questar Exploration and Production Company. As of June 14, 2010 QEP Energy Company assumes all rights, duties and obligations as operator of the properties as described on the list

NAME (PLEASE PRINT) Morgan Anderson TITLE Regulatory Affairs Analyst

SIGNATURE Morgan Anderson DATE 6/23/2010

(This space for State use only)

RECEIVED
JUN 28 2010
DIV. OF OIL, GAS & MINING

APPROVED 6/30/2009
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(5/2000) (See Instructions on Reverse Side)

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
WEST RIVER BEND 3-12-10-15	12	100S	150E	4301331888	14542	Federal	OW	P	C
WEST RIVER BEND 16-17-10-17	17	100S	170E	4301332057	14543	Federal	OW	P	
WEST DESERT SPRING 11-20-10-17	20	100S	170E	4301332088	14545	Federal	OW	S	
GD 8G-35-9-15	35	090S	150E	4301333821		Federal	OW	APD	C
GD 9G-35-9-15	35	090S	150E	4301333822		Federal	OW	APD	C
GD 10G-35-9-15	35	090S	150E	4301333823		Federal	OW	APD	C
GD 11G-35-9-15	35	090S	150E	4301333824		Federal	OW	APD	C
GD 12G-35-9-15	35	090S	150E	4301333825		Federal	OW	APD	C
GD 13G-35-9-15	35	090S	150E	4301333826		Federal	OW	APD	C
GD 1G-34-9-15	34	090S	150E	4301333827	16920	Federal	OW	P	
GD 2G-34-9-15	34	090S	150E	4301333828		Federal	OW	APD	C
GD 7G-34-9-15	34	090S	150E	4301333829		Federal	OW	APD	C
GD 7G-35-9-15	35	090S	150E	4301333830		Federal	OW	APD	C
GD 14G-35-9-15	35	090S	150E	4301333831		Federal	OW	APD	C
GD 15G-35-9-15	35	090S	150E	4301333832		Federal	OW	APD	C
GD 16G-35-9-15	35	090S	150E	4301333833	16921	Federal	OW	P	
GD 1G-35-9-15	35	090S	150E	4301333834		Federal	OW	APD	C
GD 2G-35-9-15	35	090S	150E	4301333835		Federal	OW	APD	C
GD 3G-35-9-15	35	090S	150E	4301333836		Federal	OW	APD	C
GD 4G-35-9-15	35	090S	150E	4301333837		Federal	OW	APD	C
GD 5G-35-9-15	35	090S	150E	4301333838		Federal	OW	APD	C
GD 6G-35-9-15	35	090S	150E	4301333839		Federal	OW	APD	C
GD 8G-34-9-15	34	090S	150E	4301333840		Federal	OW	APD	C
GD 9G-34-9-15	34	090S	150E	4301333841		Federal	OW	APD	C
GD 10G-34-9-15	34	090S	150E	4301333842		Federal	OW	APD	C
GD 15G-34-9-15	34	090S	150E	4301333843		Federal	OW	APD	C
GD 16G-34-9-15	34	090S	150E	4301333844		Federal	OW	APD	C
GOVT 18-2	18	230S	170E	4301930679	2575	Federal	OW	P	
FEDERAL 2-29-7-22	29	070S	220E	4304715423	5266	Federal	GW	TA	
UTAH FED D-1	14	070S	240E	4304715936	10699	Federal	GW	S	
UTAH FED D-2	25	070S	240E	4304715937	9295	Federal	GW	S	
PRINCE 1	10	070S	240E	4304716199	7035	Federal	GW	P	
UTAH FED D-4	14	070S	240E	4304731215	9297	Federal	GW	S	
ISLAND UNIT 16	11	100S	180E	4304731505	1061	Federal	OW	S	
EAST COYOTE FED 14-4-8-25	04	080S	250E	4304732493	11630	Federal	OW	P	
PRINCE 4	03	070S	240E	4304732677	7035	Federal	OW	P	
GH 21 WG	21	080S	210E	4304732692	11819	Federal	GW	P	
OU SG 6-14-8-22	14	080S	220E	4304732746	11944	Federal	GW	S	
FLU KNOLLS FED 23-3	03	100S	180E	4304732754	12003	Federal	OW	P	
GH 22 WG	22	080S	210E	4304732818	12336	Federal	GW	P	
OU GB 12W-20-8-22	20	080S	220E	4304733249	13488	Federal	GW	P	
OU GB 15-18-8-22	18	080S	220E	4304733364	12690	Federal	GW	P	
OU GB 3W-17-8-22	17	080S	220E	4304733513	12950	Federal	GW	P	
OU GB 5W-17-8-22	17	080S	220E	4304733514	12873	Federal	GW	P	
WV 9W-8-8-22	08	080S	220E	4304733515	13395	Federal	GW	P	
OU GB 9W-18-8-22	18	080S	220E	4304733516	12997	Federal	GW	P	
OU GB 3W-20-8-22	20	080S	220E	4304733526	13514	Federal	GW	P	
OU GB 12W-30-8-22	30	080S	220E	4304733670	13380	Federal	GW	P	
WV 10W-8-8-22	08	080S	220E	4304733814	13450	Federal	GW	P	
GH 7W-21-8-21	21	080S	210E	4304733845	13050	Federal	GW	P	
GH 9W-21-8-21	21	080S	210E	4304733846	13074	Federal	GW	P	

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Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
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well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
GH 11W-21-8-21	21	080S	210E	4304733847	13049	Federal	GW	P	
GH 15W-21-8-21	21	080S	210E	4304733848	13051	Federal	GW	P	
WV 2W-9-8-21	09	080S	210E	4304733905	13676	Federal	GW	P	
WV 7W-22-8-21	22	080S	210E	4304733907	13230	Federal	GW	P	
WV 9W-23-8-21	23	080S	210E	4304733909	13160	Federal	GW	P	
GH 14W-20-8-21	20	080S	210E	4304733915	13073	Federal	GW	P	
OU GB 4W-30-8-22	30	080S	220E	4304733945	13372	Federal	GW	P	
OU GB 9W-19-8-22	19	080S	220E	4304733946	13393	Federal	GW	P	
OU GB 10W-30-8-22	30	080S	220E	4304733947	13389	Federal	GW	P	
OU GB 12W-19-8-22	19	080S	220E	4304733948	13388	Federal	GW	P	
GB 9W-25-8-21	25	080S	210E	4304733960	13390	Federal	GW	P	
SU 1W-5-8-22	05	080S	220E	4304733985	13369	Federal	GW	P	
SU 3W-5-8-22	05	080S	220E	4304733987	13321	Federal	OW	S	
SU 7W-5-8-22	05	080S	220E	4304733988	13235	Federal	GW	P	
SU 9W-5-8-22	05	080S	220E	4304733990	13238	Federal	GW	P	
SU 13W-5-8-22	05	080S	220E	4304733994	13236	Federal	GW	TA	
SU 15W-5-8-22	05	080S	220E	4304733996	13240	Federal	GW	P	
WV 8W-8-8-22	08	080S	220E	4304734005	13320	Federal	GW	P	
WV 14W-8-8-22	08	080S	220E	4304734007	13322	Federal	GW	S	
OU GB 6W-20-8-22	20	080S	220E	4304734018	13518	Federal	GW	P	
OU GB 5W-30-8-22	30	080S	220E	4304734025	13502	Federal	GW	P	
OU GB 11W-20-8-22	20	080S	220E	4304734039	13413	Federal	GW	P	
OU GB 4W-20-8-22	20	080S	220E	4304734043	13520	Federal	GW	P	
GH 5W-21-8-21	21	080S	210E	4304734147	13387	Federal	GW	P	
GH 6W-21-8-21	21	080S	210E	4304734148	13371	Federal	GW	P	
GH 8W-21-8-21	21	080S	210E	4304734149	13293	Federal	GW	P	
GH 10W-20-8-21	20	080S	210E	4304734151	13328	Federal	GW	P	
GH 10W-21-8-21	21	080S	210E	4304734152	13378	Federal	GW	P	
GH 12W-21-8-21	21	080S	210E	4304734153	13294	Federal	GW	P	
GH 14W-21-8-21	21	080S	210E	4304734154	13292	Federal	GW	P	
GH 16W-21-8-21	21	080S	210E	4304734157	13329	Federal	GW	P	
WV 2W-3-8-21	03	080S	210E	4304734207	13677	Federal	GW	P	
OU GB 5W-20-8-22	20	080S	220E	4304734209	13414	Federal	GW	P	
WV 6W-22-8-21	22	080S	210E	4304734272	13379	Federal	GW	P	
GH 1W-20-8-21	20	080S	210E	4304734327	13451	Federal	GW	P	
GH 2W-20-8-21	20	080S	210E	4304734328	13527	Federal	GW	P	
GH 3W-20-8-21	20	080S	210E	4304734329	13728	Federal	GW	P	
GH 7W-20-8-21	20	080S	210E	4304734332	13537	Federal	GW	P	
GH 9W-20-8-21	20	080S	210E	4304734333	13411	Federal	GW	P	
GH 11W-20-8-21	20	080S	210E	4304734334	13410	Federal	GW	P	
GH 15W-20-8-21	20	080S	210E	4304734335	13407	Federal	GW	P	
GH 16W-20-8-21	20	080S	210E	4304734336	13501	Federal	GW	P	
WV 12W-23-8-21	23	080S	210E	4304734343	13430	Federal	GW	P	
OU GB 13W-20-8-22	20	080S	220E	4304734348	13495	Federal	GW	P	
OU GB 14W-20-8-22	20	080S	220E	4304734349	13507	Federal	GW	P	
OU GB 11W-29-8-22	29	080S	220E	4304734350	13526	Federal	GW	P	
SU PURDY 14M-30-7-22	30	070S	220E	4304734384	13750	Federal	GW	S	
WVX 11G-5-8-22	05	080S	220E	4304734388	13422	Federal	OW	P	
WVX 13G-5-8-22	05	080S	220E	4304734389	13738	Federal	OW	P	
WVX 15G-5-8-22	05	080S	220E	4304734390	13459	Federal	OW	P	
SU BRENNAN W 15W-18-7-22	18	070S	220E	4304734403	13442	Federal	GW	TA	

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SU 16W-5-8-22	05	080S	220E	4304734446	13654	Federal	GW	P	
SU 2W-5-8-22	05	080S	220E	4304734455	13700	Federal	GW	P	
SU 10W-5-8-22	05	080S	220E	4304734456	13540	Federal	GW	P	
WV 16W-8-8-22	08	080S	220E	4304734470	13508	Federal	GW	P	
OU GB 16WX-30-8-22	30	080S	220E	4304734506	13431	Federal	GW	P	
OU GB 1W-19-8-22	19	080S	220E	4304734512	13469	Federal	GW	P	
OU GB 2W-19-8-22	19	080S	220E	4304734513	13461	Federal	GW	P	
OU GB 5W-19-8-22	19	080S	220E	4304734514	13460	Federal	GW	P	
OU GB 7W-19-8-22	19	080S	220E	4304734515	13462	Federal	GW	P	
OU GB 8W-19-8-22	19	080S	220E	4304734516	13489	Federal	GW	P	
OU GB 11W-19-8-22	19	080S	220E	4304734517	13467	Federal	GW	P	
OU GB 16W-19-8-22	19	080S	220E	4304734522	13476	Federal	GW	P	
OU GB 1W-30-8-22	30	080S	220E	4304734528	13487	Federal	GW	S	
OU GB 3W-30-8-22	30	080S	220E	4304734529	13493	Federal	GW	P	
OU GB 6W-30-8-22	30	080S	220E	4304734530	13519	Federal	GW	P	
OU GB 7W-30-8-22	30	080S	220E	4304734531	13494	Federal	GW	P	
OU GB 8W-30-8-22	30	080S	220E	4304734532	13483	Federal	GW	P	
OU GB 9W-30-8-22	30	080S	220E	4304734533	13500	Federal	GW	P	
OU GB 6W-19-8-22	19	080S	220E	4304734534	13475	Federal	GW	P	
OU GB 10W-19-8-22	19	080S	220E	4304734535	13479	Federal	GW	P	
OU GB 13W-19-8-22	19	080S	220E	4304734536	13478	Federal	GW	P	
OU GB 14W-19-8-22	19	080S	220E	4304734537	13484	Federal	GW	P	
OU GB 15W-19-8-22	19	080S	220E	4304734538	13482	Federal	GW	P	
OU GB 12W-17-8-22	17	080S	220E	4304734542	13543	Federal	GW	P	
OU GB 6W-17-8-22	17	080S	220E	4304734543	13536	Federal	GW	P	
OU GB 13W-17-8-22	17	080S	220E	4304734544	13547	Federal	GW	P	
OU GB 6W-29-8-22	29	080S	220E	4304734545	13535	Federal	GW	P	
OU GB 3W-29-8-22	29	080S	220E	4304734546	13509	Federal	GW	P	
OU GB 13W-29-8-22	29	080S	220E	4304734547	13506	Federal	GW	P	
OU GB 4W-29-8-22	29	080S	220E	4304734548	13534	Federal	GW	P	
OU GB 5W-29-8-22	29	080S	220E	4304734549	13505	Federal	GW	P	
OU GB 14W-17-8-22	17	080S	220E	4304734550	13550	Federal	GW	P	
OU GB 11W-17-8-22	17	080S	220E	4304734553	13671	Federal	GW	P	
OU GB 14W-29-8-22	29	080S	220E	4304734554	13528	Federal	GW	P	
OU GB 2W-17-8-22	17	080S	220E	4304734559	13539	Federal	GW	P	
OU GB 7W-17-8-22	17	080S	220E	4304734560	13599	Federal	GW	P	
OU GB 16W-18-8-22	18	080S	220E	4304734563	13559	Federal	GW	P	
OU GB 1W-29-8-22	29	080S	220E	4304734573	13562	Federal	GW	P	
OU GB 7W-29-8-22	29	080S	220E	4304734574	13564	Federal	GW	P	
OU GB 8W-29-8-22	29	080S	220E	4304734575	13609	Federal	GW	S	
OU GB 9W-29-8-22	29	080S	220E	4304734576	13551	Federal	GW	P	
OU GB 10W-29-8-22	29	080S	220E	4304734577	13594	Federal	GW	P	
OU GB 15W-29-8-22	29	080S	220E	4304734578	13569	Federal	GW	P	
OU GB 2W-20-8-22	20	080S	220E	4304734599	13664	Federal	GW	P	
OU GB 2W-29-8-22	29	080S	220E	4304734600	13691	Federal	GW	P	
OU GB 15W-17-8-22	17	080S	220E	4304734601	13632	Federal	GW	P	
OU GB 16W-17-8-22	17	080S	220E	4304734602	13639	Federal	GW	P	
OU GB 16W-29-8-22	29	080S	220E	4304734603	13610	Federal	GW	P	
OU GB 1W-20-8-22	20	080S	220E	4304734604	13612	Federal	GW	P	
OU GB 1W-17-8-22	17	080S	220E	4304734623	13701	Federal	GW	P	
OU GB 9W-17-8-22	17	080S	220E	4304734624	13663	Federal	GW	P	

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OU GB 10W-17-8-22	17	080S	220E	4304734625	13684	Federal	GW	P	
OU GB 9W-20-8-22	20	080S	220E	4304734630	13637	Federal	GW	P	
OU GB 10W-20-8-22	20	080S	220E	4304734631	13682	Federal	GW	P	
OU GB 15W-20-8-22	20	080S	220E	4304734632	13613	Federal	GW	P	
OU WIH 15MU-21-8-22	21	080S	220E	4304734634	13991	Federal	GW	P	
OU WIH 13W-21-8-22	21	080S	220E	4304734646	13745	Federal	GW	P	
OU GB 11W-15-8-22	15	080S	220E	4304734648	13822	Federal	GW	P	
OU GB 13W-9-8-22	09	080S	220E	4304734654	13706	Federal	GW	P	
OU WIH 14W-21-8-22	21	080S	220E	4304734664	13720	Federal	GW	P	
OU GB 12WX-29-8-22	29	080S	220E	4304734668	13555	Federal	GW	P	
OU WIH 10W-21-8-22	21	080S	220E	4304734681	13662	Federal	GW	P	
OU GB 4G-21-8-22	21	080S	220E	4304734685	13772	Federal	OW	P	
OU GB 3W-21-8-22	21	080S	220E	4304734686	13746	Federal	GW	P	
OU GB 16SG-30-8-22	30	080S	220E	4304734688	13593	Federal	GW	P	
OU WIH 7W-21-8-22	21	080S	220E	4304734689	13716	Federal	GW	P	
OU GB 5W-21-8-22	21	080S	220E	4304734690	13770	Federal	GW	P	
WIH 1MU-21-8-22	21	080S	220E	4304734693	14001	Federal	GW	P	
OU GB 5G-19-8-22	19	080S	220E	4304734695	13786	Federal	OW	P	
OU GB 7W-20-8-22	20	080S	220E	4304734705	13710	Federal	GW	P	
OU SG 14W-15-8-22	15	080S	220E	4304734710	13821	Federal	GW	P	
OU SG 15W-15-8-22	15	080S	220E	4304734711	13790	Federal	GW	P	
OU SG 16W-15-8-22	15	080S	220E	4304734712	13820	Federal	GW	P	
OU SG 4W-15-8-22	15	080S	220E	4304734713	13775	Federal	GW	P	
OU SG 12W-15-8-22	15	080S	220E	4304734714	13838	Federal	GW	P	
OU GB 5MU-15-8-22	15	080S	220E	4304734715	13900	Federal	GW	P	
OU SG 8W-15-8-22	15	080S	220E	4304734717	13819	Federal	GW	P	
OU SG 9W-15-8-22	15	080S	220E	4304734718	13773	Federal	GW	P	
OU SG 10W-15-8-22	15	080S	220E	4304734719	13722	Federal	GW	P	
OU SG 2MU-15-8-22	15	080S	220E	4304734721	13887	Federal	GW	P	
OU SG 7W-15-8-22	15	080S	220E	4304734722	13920	Federal	GW	P	
OU GB 14SG-29-8-22	29	080S	220E	4304734743	14034	Federal	GW	P	
OU GB 16SG-29-8-22	29	080S	220E	4304734744	13771	Federal	GW	P	
OU GB 13W-10-8-22	10	080S	220E	4304734754	13774	Federal	GW	P	
OU GB 6MU-21-8-22	21	080S	220E	4304734755	14012	Federal	GW	P	
OU SG 10W-10-8-22	10	080S	220E	4304734764	13751	Federal	GW	P	
OU GB 14M-10-8-22	10	080S	220E	4304734768	13849	Federal	GW	P	
OU SG 9W-10-8-22	10	080S	220E	4304734783	13725	Federal	GW	P	
OU SG 16W-10-8-22	10	080S	220E	4304734784	13781	Federal	GW	P	
SU BW 6M-7-7-22	07	070S	220E	4304734837	13966	Federal	GW	P	
GB 3M-27-8-21	27	080S	210E	4304734900	14614	Federal	GW	P	
WVX 11D-22-8-21	22	080S	210E	4304734902	14632	Federal	GW	P	
GB 11M-27-8-21	27	080S	210E	4304734952	13809	Federal	GW	P	
GB 9D-27-8-21	27	080S	210E	4304734956	14633	Federal	GW	P	
GB 1D-27-8-21	27	080S	210E	4304734957	14634	Federal	GW	P	
WRU EIH 2M-35-8-22	35	080S	220E	4304735052	13931	Federal	GW	P	
GH 12MU-20-8-21	20	080S	210E	4304735069	14129	Federal	GW	P	
OU SG 4W-11-8-22	11	080S	220E	4304735071	14814	Federal	GW	OPS	C
OU SG 5W-11-8-22	11	080S	220E	4304735072	14815	Federal	GW	OPS	C
SG 6ML-11-8-22	11	080S	220E	4304735073	14825	Federal	GW	P	
OU SG 5MU-14-8-22	14	080S	220E	4304735076	13989	Federal	GW	P	
OU SG 6MU-14-8-22	14	080S	220E	4304735077	14128	Federal	GW	P	

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SG 12MU-14-8-22	14	080S	220E	4304735078	13921	Federal	GW	P	
OU SG 13MU-14-8-22	14	080S	220E	4304735079	13990	Federal	GW	P	
OU SG 9MU-11-8-22	11	080S	220E	4304735091	13967	Federal	GW	P	
SG 11SG-23-8-22	23	080S	220E	4304735099	13901	Federal	GW	TA	
OU SG 14W-11-8-22	11	080S	220E	4304735114	14797	Federal	GW	OPS	C
SG 5MU-23-8-22	23	080S	220E	4304735115	14368	Federal	GW	P	
SG 6MU-23-8-22	23	080S	220E	4304735116	14231	Federal	GW	P	
SG 14MU-23-8-22	23	080S	220E	4304735117	14069	Federal	GW	P	
SG 12MU-23-8-22	23	080S	220E	4304735188	14412	Federal	GW	P	
SG 13MU-23-8-22	23	080S	220E	4304735190	14103	Federal	GW	P	
WH 7G-10-7-24	10	070S	240E	4304735241	14002	Federal	GW	S	
GB 4D-28-8-21	28	080S	210E	4304735246	14645	Federal	GW	P	
GB 7M-28-8-21	28	080S	210E	4304735247	14432	Federal	GW	P	
GB 14M-28-8-21	28	080S	210E	4304735248	13992	Federal	GW	P	
SG 11MU-23-8-22	23	080S	220E	4304735257	13973	Federal	GW	P	
SG 15MU-14-8-22	14	080S	220E	4304735328	14338	Federal	GW	P	
EIHX 14MU-25-8-22	25	080S	220E	4304735330	14501	Federal	GW	P	
EIHX 11MU-25-8-22	25	080S	220E	4304735331	14470	Federal	GW	P	
NBE 12ML-10-9-23	10	090S	230E	4304735333	14260	Federal	GW	P	
NBE 13ML-17-9-23	17	090S	230E	4304735334	14000	Federal	GW	P	
NBE 4ML-26-9-23	26	090S	230E	4304735335	14215	Federal	GW	P	
SG 7MU-11-8-22	11	080S	220E	4304735374	14635	Federal	GW	S	
SG 1MU-11-8-22	11	080S	220E	4304735375	14279	Federal	GW	P	
OU SG 13W-11-8-22	11	080S	220E	4304735377	14796	Federal	GW	OPS	C
SG 3MU-11-8-22	11	080S	220E	4304735379	14978	Federal	GW	P	
SG 8MU-11-8-22	11	080S	220E	4304735380	14616	Federal	GW	P	
SG 2MU-11-8-22	11	080S	220E	4304735381	14636	Federal	GW	P	
SG 10MU-11-8-22	11	080S	220E	4304735382	14979	Federal	GW	P	
SU 11MU-9-8-21	09	080S	210E	4304735412	14143	Federal	GW	P	
OU GB 8MU-10-8-22	10	080S	220E	4304735422	15321	Federal	GW	OPS	C
EIHX 2MU-25-8-22	25	080S	220E	4304735427	14666	Federal	GW	P	
EIHX 1MU-25-8-22	25	080S	220E	4304735428	14705	Federal	GW	P	
EIHX 7MU-25-8-22	25	080S	220E	4304735429	14682	Federal	GW	P	
EIHX 8MU-25-8-22	25	080S	220E	4304735430	14706	Federal	GW	P	
EIHX 9MU-25-8-22	25	080S	220E	4304735433	14558	Federal	GW	P	
EIHX 16MU-25-8-22	25	080S	220E	4304735434	14502	Federal	GW	P	
EIHX 15MU-25-8-22	25	080S	220E	4304735435	14571	Federal	GW	P	
EIHX 10MU-25-8-22	25	080S	220E	4304735436	14537	Federal	GW	P	
GB 3MU-3-8-22	03	080S	220E	4304735457	14575	Federal	GW	P	
NBE 15M-17-9-23	17	090S	230E	4304735463	14423	Federal	GW	P	
NBE 7ML-17-9-23	17	090S	230E	4304735464	14232	Federal	GW	P	
NBE 3ML-17-9-23	17	090S	230E	4304735465	14276	Federal	GW	P	
NBE 11M-17-9-23	17	090S	230E	4304735466	14431	Federal	GW	P	
NBE 10ML-10-9-23	10	090S	230E	4304735650	14377	Federal	GW	P	
NBE 6ML-10-9-23	10	090S	230E	4304735651	14422	Federal	GW	P	
NBE 12ML-17-9-23	17	090S	230E	4304735652	14278	Federal	GW	P	
NBE 6ML-26-9-23	26	090S	230E	4304735664	14378	Federal	GW	P	
NBE 11ML-26-9-23	26	090S	230E	4304735665	14340	Federal	GW	P	
NBE 15ML-26-9-23	26	090S	230E	4304735666	14326	Federal	GW	P	
SG 4MU-23-8-22	23	080S	220E	4304735758	14380	Federal	GW	P	
SG 11MU-14-8-22	14	080S	220E	4304735829	14486	Federal	GW	P	

Bonds: BLM = ESB000024
BIA = 956010693
State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
RB DS FED 1G-7-10-18	07	100S	180E	4304735932	14457	Federal	OW	S	
RB DS FED 14G-8-10-18	08	100S	180E	4304735933	14433	Federal	OW	P	
OU SG 14MU-14-8-22	14	080S	220E	4304735950	14479	Federal	GW	P	
COY 12ML-24-8-24	24	080S	240E	4304736039	14592	Federal	OW	P	
WIH 1AMU-21-8-22	21	080S	220E	4304736060	14980	Federal	GW	P	
SU 8M-12-7-21	12	070S	210E	4304736096	16610	Federal	GW	OPS	C
NBE 4ML-10-9-23	10	090S	230E	4304736098	15732	Federal	GW	P	
NBE 8ML-10-9-23	10	090S	230E	4304736099	15733	Federal	GW	P	
NBE 16ML-10-9-23	10	090S	230E	4304736100	14728	Federal	GW	S	
SUBW 14M-7-7-22	07	070S	220E	4304736136	15734	Federal	GW	P	
NBE 8ML-12-9-23	12	090S	230E	4304736143	15859	Federal	GW	S	
GB 16D-28-8-21	28	080S	210E	4304736260	14981	Federal	GW	P	
NBE 5ML-10-9-23	10	090S	230E	4304736353	15227	Federal	GW	P	
NBE 7ML-10-9-23	10	090S	230E	4304736355	15850	Federal	GW	P	
NBE 3ML-10-9-23	10	090S	230E	4304736356	15393	Federal	GW	P	
EIHX 4MU-36-8-22	36	080S	220E	4304736444	14875	Federal	GW	P	
EIHX 3MU-36-8-22	36	080S	220E	4304736445	14860	Federal	GW	P	
EIHX 2MU-36-8-22	36	080S	220E	4304736446	14840	Federal	GW	S	
EIHX 1MU-36-8-22	36	080S	220E	4304736447	14861	Federal	GW	P	
NBE 7ML-26-9-23	26	090S	230E	4304736587	16008	Federal	GW	P	
NBE 8ML-26-9-23	26	090S	230E	4304736588	15689	Federal	GW	P	
NBE 1ML-26-9-23	26	090S	230E	4304736589	15880	Federal	GW	P	
NBE 2ML-26-9-23	26	090S	230E	4304736590	15898	Federal	GW	S	
NBE 3ML-26-9-23	26	090S	230E	4304736591	15906	Federal	GW	P	
NBE 5ML-26-9-23	26	090S	230E	4304736592	15839	Federal	GW	P	
NBE 9ML-10-9-23	10	090S	230E	4304736593	15438	Federal	GW	P	
NBE 11ML-10-9-23	10	090S	230E	4304736594	15228	Federal	GW	P	
NBE 15ML-10-9-23	10	090S	230E	4304736595	15439	Federal	GW	P	
NBE 2ML-17-9-23	17	090S	230E	4304736614	15126	Federal	GW	P	
NBE 4ML-17-9-23	17	090S	230E	4304736615	15177	Federal	GW	P	
NBE 6ML-17-9-23	17	090S	230E	4304736616	15127	Federal	GW	S	
NBE 10ML-17-9-23	17	090S	230E	4304736617	15128	Federal	GW	P	
NBE 14ML-17-9-23	17	090S	230E	4304736618	15088	Federal	GW	P	
NBE 9ML-26-9-23	26	090S	230E	4304736619	15322	Federal	GW	P	
NBE 10D-26-9-23	26	090S	230E	4304736620	15975	Federal	GW	S	
NBE 12ML-26-9-23	26	090S	230E	4304736621	15840	Federal	GW	P	
NBE 13ML-26-9-23	26	090S	230E	4304736622	15690	Federal	GW	P	
NBE 14ML-26-9-23	26	090S	230E	4304736623	15262	Federal	GW	P	
NBE 16ML-26-9-23	26	090S	230E	4304736624	15735	Federal	GW	P	
WF 1P-1-15-19	06	150S	200E	4304736781	14862	Indian	GW	P	
SG 3MU-23-8-22	14	080S	220E	4304736940	15100	Federal	GW	P	
NBE 5ML-17-9-23	17	090S	230E	4304736941	15101	Federal	GW	P	
TU 14-9-7-22	09	070S	220E	4304737345	16811	Federal	GW	OPS	C
WF 14C-29-15-19	29	150S	190E	4304737541	15178	Indian	GW	P	
NBE 2ML-10-9-23	10	090S	230E	4304737619	15860	Federal	GW	P	
GB 16ML-20-8-22	20	080S	220E	4304737664	15948	Federal	GW	P	
WVX 8ML-5-8-22	05	080S	220E	4304738140		Federal	GW	APD	C
WVX 6ML-5-8-22	05	080S	220E	4304738141		Federal	GW	APD	C
WVX 1MU-17-8-21	17	080S	210E	4304738156		Federal	GW	APD	C
GH 8-20-8-21	20	080S	210E	4304738157		Federal	GW	APD	C
WVX 4MU-17-8-21	17	080S	210E	4304738190		Federal	GW	APD	C

Bonds: BLM = ESB000024
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State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
WVX 16MU-18-8-21	18	080S	210E	4304738191		Federal	GW	APD	C
GH 7D-19-8-21	19	080S	210E	4304738267	16922	Federal	GW	P	
WF 8C-15-15-19	15	150S	190E	4304738405	17142	Indian	GW	OPS	C
WVX 1MU-18-8-21	18	080S	210E	4304738659		Federal	GW	APD	C
WVX 9MU-18-8-21	18	080S	210E	4304738660		Federal	GW	APD	C
GB 12SG-29-8-22	29	080S	220E	4304738766	16096	Federal	GW	S	
GB 10SG-30-8-22	30	080S	220E	4304738767	16143	Federal	GW	S	
FR 14P-20-14-20	20	140S	200E	4304739168	16179	Federal	GW	P	
SU 11M-8-7-22	08	070S	220E	4304739175		Federal	GW	APD	C
HB 2M-9-7-22	09	070S	220E	4304739176		Federal	GW	APD	C
SUMA 4M-20-7-22	20	070S	220E	4304739177		Federal	GW	APD	C
SU 16M-31-7-22	31	070S	220E	4304739178		Federal	GW	APD	C
FR 13P-20-14-20	20	140S	200E	4304739226	16719	Federal	GW	P	
SG 11BML-23-8-22	23	080S	220E	4304739230		Federal	GW	APD	C
SG 12DML-23-8-22	23	080S	220E	4304739231		Federal	GW	APD	C
GB 1CML-29-8-22	29	080S	220E	4304739232		Federal	GW	APD	C
NBE 8CD-10-9-23	10	090S	230E	4304739341	16513	Federal	GW	P	
NBE 15AD-10-9-23	10	090S	230E	4304739342		Federal	GW	APD	C
NBE 6DD-10-9-23	10	090S	230E	4304739343		Federal	GW	APD	C
NBE 6AD-10-9-23	10	090S	230E	4304739344		Federal	GW	APD	C
NBE 6BD-10-9-23	10	090S	230E	4304739345		Federal	GW	APD	C
NBE 5DD-10-9-23	10	090S	230E	4304739346	16574	Federal	GW	P	
NBE 7BD-17-9-23	17	090S	230E	4304739347		Federal	GW	APD	C
NBE 4DD-17-9-23	17	090S	230E	4304739348	16743	Federal	GW	P	
NBE 10CD-17-9-23	17	090S	230E	4304739349	16616	Federal	GW	P	
NBE 11CD-17-9-23	17	090S	230E	4304739350		Federal	GW	APD	C
NBE 8BD-26-9-23	26	090S	230E	4304739351	16617	Federal	GW	P	
NBE 3DD-26-9-23	26	090S	230E	4304739352		Federal	GW	APD	C
NBE 3CD-26-9-23	26	090S	230E	4304739353		Federal	GW	APD	C
NBE 7DD-26-9-23	26	090S	230E	4304739354		Federal	GW	APD	C
NBE 12AD-26-9-23	26	090S	230E	4304739355		Federal	GW	APD	C
NBE 5DD-26-9-23	26	090S	230E	4304739356		Federal	GW	APD	C
NBE 13AD-26-9-23	26	090S	230E	4304739357		Federal	GW	APD	C
NBE 14AD-26-9-23	26	090S	230E	4304739358		Federal	GW	APD	C
NBE 9CD-26-9-23	26	090S	230E	4304739359		Federal	GW	APD	C
FR 9P-20-14-20	20	140S	200E	4304739461	17025	Federal	GW	S	
FR 13P-17-14-20	17	140S	200E	4304739462		Federal	GW	APD	C
FR 9P-17-14-20	17	140S	200E	4304739463	16829	Federal	GW	P	
FR 10P-20-14-20	20	140S	200E	4304739465		Federal	GW	APD	C
FR 5P-17-14-20	17	140S	200E	4304739509		Federal	GW	APD	C
FR 15P-17-14-20	17	140S	200E	4304739510		Federal	GW	APD	C
FR 11P-20-14-20	20	140S	200E	4304739587		Federal	GW	APD	
FR 5P-20-14-20	20	140S	200E	4304739588		Federal	GW	APD	C
FR 9P-21-14-20	21	140S	200E	4304739589		Federal	GW	APD	C
FR 13P-21-14-20	21	140S	200E	4304739590		Federal	GW	APD	C
GB 7D-27-8-21	27	080S	210E	4304739661		Federal	GW	APD	C
GB 15D-27-8-21	27	080S	210E	4304739662	16830	Federal	GW	P	
WV 13D-23-8-21	23	080S	210E	4304739663	16813	Federal	GW	P	
WV 15D-23-8-21	23	080S	210E	4304739664	16924	Federal	GW	P	
FR 14P-17-14-20	17	140S	200E	4304739807		Federal	GW	APD	C
FR 12P-20-14-20	20	140S	200E	4304739808		Federal	GW	APD	C

Bonds: BLM = ESB000024
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Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
FR 6P-20-14-20	20	140S	200E	4304739809	16925	Federal	GW	P	
FR 3P-21-14-20	21	140S	200E	4304739810		Federal	GW	APD	C
FR 4P-21-14-20	21	140S	200E	4304739811	16771	Federal	GW	P	
FR 8P-21-14-20	21	140S	200E	4304739812		Federal	GW	APD	C
FR 15P-21-14-20	21	140S	200E	4304739815		Federal	GW	APD	C
FR 2P-20-14-20	20	140S	200E	4304740053		Federal	GW	APD	
FR 2P-21-14-20	21	140S	200E	4304740200		Federal	GW	APD	C
WV 11-23-8-21	23	080S	210E	4304740303		Federal	GW	APD	C
GB 12-27-8-21	27	080S	210E	4304740304		Federal	GW	APD	C
GH 11C-20-8-21	20	080S	210E	4304740352		Federal	GW	APD	C
GH 15A-20-8-21	20	080S	210E	4304740353		Federal	GW	APD	C
GH 10BD-21-8-21	21	080S	210E	4304740354		Federal	GW	APD	C
FR 11P-21-14-20	21	140S	200E	4304740366		Federal	GW	APD	C
MELANGE U 1	09	140S	200E	4304740399		Federal	GW	APD	C
OP 16G-12-7-20	12	070S	200E	4304740481	17527	Federal	OW	DRL	C
OP 4G-12-7-20	12	070S	200E	4304740482		Federal	OW	APD	C
WF 8D-21-15-19	21	150S	190E	4304740489		Indian	GW	APD	C
WF 15-21-15-19	21	150S	190E	4304740490		Indian	GW	APD	
WF 4D-22-15-19	22	150S	190E	4304740491		Indian	GW	APD	C

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United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
http://www.blm.gov/ut/st/en.html

IN REPLY REFER TO:
3100
(UT-922)

JUL 28 2010

Memorandum

To: Vernal Field Office, Price Field Office, Moab Field Office

From: Chief, Branch of Minerals Roger L Bankert

Subject: Name Change Recognized

Attached is a copy of the Certificate of Name Change issued by the Texas Secretary of State and a decision letter recognizing the name change from the Eastern States Office. We have updated our records to reflect the name change in the attached list of leases.

The name change from **Questar Exploration and Production Company** into **QEP Energy Company** is effective June 8, 2010.

cc: MMS
UDOGM